

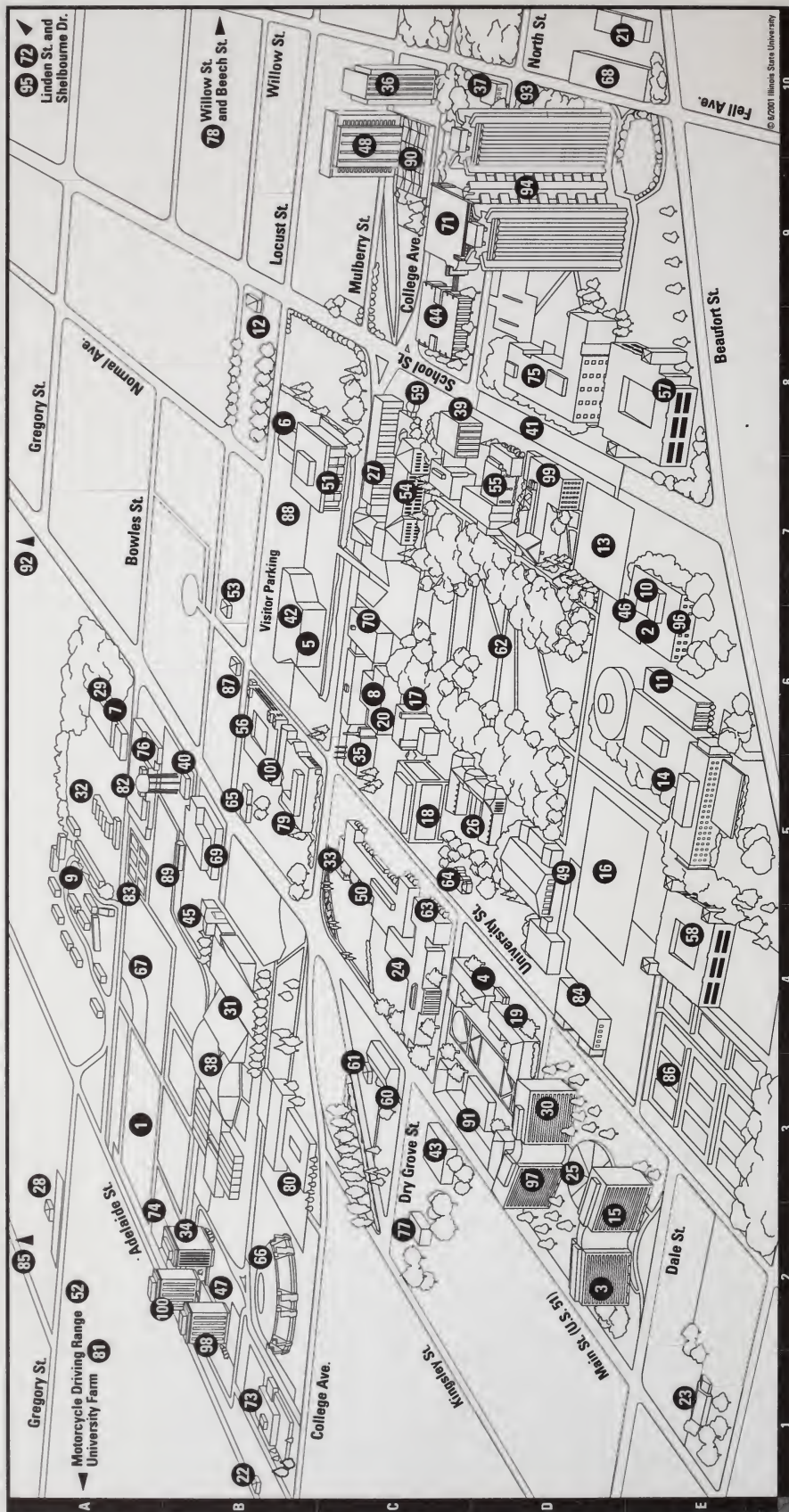


ILLINOIS STATE
UNIVERSITY



2002-2003

Undergraduate Catalog



- 1 Adelaide Soccer Field - A3
 2 Allen Theatre - E6
 3 Atkin Hall - D4
 4 Barton Hall - D4
 5 Bone Student Center/Braden Auditorium - B6
 6 Bowling & Billiards Center (BBOC) - B8
 7 Campus Dining Services - A6
 8 Capen Auditorium - C6
 9 Cardinal Court - A5
 10 Centennial East (CE) - E7
 11 Centennial West (CW) - E6
 12 Center for Intercultural Relations - B8
 13 Center for the Performing Arts (under construction) - D7
 14 Center for the Visual Arts and University Galleries (CVA) - E5
 15 Coby Hall - D2
 16 College of Business Building (under construction) - D7
 17 Cook Hall (CH) - C5
 18 DeCarmo Hall (DEG) - C5
 19 Dunn Hall - D4
 20 Edwards Hall (EDW) - C6
 21 Extended University - D10
 22 Eyestone School Museum - B1
 23 Facilities Planning Building - E1
 24 Fairchild Hall (FH) - C4
 25 Feeney Dining Center - D3
 26 Fall Hall (FEU) - C5
 27 Fellmeyer Hall of Science (FHS) - C3
 28 Golf Course, Illinois State University (GC) - A3
 29 Green Food Service Building, John - A6
 30 Hamilton Hall - C10
 31 Harwood Stadium - B4
 32 Harris Physical Plant Center - A5
 33 Hayden Auditorium - C5
 34 Hayne Hall - B2
 35 Heating Plant - C5
 36 Hewitt Hall (H) - C10
 37 Honors Program - D10
 38 Horton Field House (HTN) - B3
 39 Hovey Hall (Administration) - C8
 40 Hudson Building - B5
 41 In Exchange (under construction) - D8
 42 InfoCentre - B6
 43 Instructional Technology & Development Center - C3
 44 Julian Hall (JH) - C8
 45 Kauman Football Building - B4
 46 Keno Recital Hall - E6
 47 Links Dining Center - B2
 48 Marchessault Field - C10
 49 McCormick Hall (MCH) - D5
 50 Melick School, Thomas (MLS) - C5
 51 Miner Library (MLB) - C7
 52 Motorcycle Driving Range - A2
 53 Motorcycle Safety Program Office - B7
 54 Moulton Hall (MLT) - C7
 55 Old Union Building (OUB) - D7
 56 Parking Garage, North University Street - B6
 57 Parking Garage, School Street - E8
 58 Parking Garage, South University Street - E4
 59 Planning Center - C3
 60 Professional Development - C3
 61 Professional Development Annex - C3
 62 Quad - D6
 63 Rachel Cooper (RC) - C4
 64 Rambo House - C5
 65 Recreation Services Building - B5
 66 Redford Arena (REA) - B2
 67 Redford Baseball Field - A4
 68 Research Services Building - D10
 69 Ropp Agriculture Building (RAB) - B5
 70 Schroeder Hall (SH) - C6
 71 Science Laboratory Building (SLB) - C9
 72 Shelburne Apartments - A10
 73 Smith Building, Nelson (NSB) - B1
 74 Softball Field - E9
 75 Stevenson Hall, Kelly E. (STV) - D8
 76 Student Auditorium - D9
 77 Student Accounts Building - C2
 78 Student Recreation Building (Willow and Beech Streets) - B10
 79 Student Services Building - B5
 80 Turner Hall (TUR) - B3
 81 University Farm - A1
 82 University High School (UHS) - A5
 83 University High School Tennis Courts - A5
 84 University Housing Services - D4
 85 University (Presidents) Residence - A2
 86 University Street Tennis Courts - E3
 87 Veda Building - B6
 88 Visitor Parking - B7
 89 Vito Center (VIT) - B5
 90 Woman Dining Center - C9
 91 Walker Hall (WAL) - C3
 92 Walker Parking Services Building, Bill - A7
 93 Waterson Dining Center - D10
 94 Waterson Towers - D9
 95 Waterson Towers - D9
 96 Waterson Towers - D9
 97 Whitson Hall - D3
 98 Williams Hall - B2
 99 Williams Hall (WH) - D7
 100 Wright Hall - B2
 101 21 North University Street - B5

ILLINOIS STATE UNIVERSITY

Educating ILLINOIS

Illinois State University...

A small-college experience with large-university opportunities



OUR HERITAGE

The first public university in Illinois, Illinois State University was founded in 1857 as a normal university to prepare the state's teachers. Our institution has a rich heritage as the state's leader in all facets of teacher education, from classroom instruction to educational administration and statewide policy setting. Illinois State is now a comprehensive university offering more than 160 major/minor options in six colleges, but that early emphasis on education continues to shape the University, in particular our values-based commitment to creating an optimal learning environment for all Illinois State students, whether undergraduate or graduate, on campus or off campus.

OUR VALUES

Individualized attention: Providing the supportive environment of a small college through an innovative General Education program, strong student-faculty connections, superior student services, and a focus on each student as an individual, with unique educational needs and potential. Illinois State is a university dedicated to placing the learner at the center of teaching and research.

Public opportunity: Assuring students access to the opportunities of a large university, including a wide range of high-quality programs, faculty mentors who are scholars and creative artists of repute in their disciplines, and the support of outstanding facilities and technology.

Active pursuit of learning: Educating the complete student inside and outside of the classroom, so that students come to appreciate learning as an active and lifelong process.

Diversity: Encouraging community and an informed respect for all differences among students, faculty, and staff by fostering an inclusive environment that prepares students to be engaged participants in global society.

Creative response to change: Facilitating personal growth of students, faculty, and staff through innovative applications in undergraduate and graduate study, pedagogy, research, creative activities, and public service.

OUR VISION

By acting on our values, by creating, in every respect, a learning environment where students will benefit from "the small-school feeling they get from this large university, and the incredible opportunities they encounter" (*Yale Daily News Insider's Guide to Colleges, 2000*), Illinois State will come to occupy a unique position of strength and visibility among the institutions of higher education in Illinois. By 2007 Illinois State University will be the first-choice public university in Illinois for high-achieving, motivated students who seek an individualized educational experience combined with the resources of a large university.

Educating Illinois is available at www.IllinoisState.edu/educatingillinois.



ILLINOIS STATE UNIVERSITY

Undergraduate Catalog

2002-2003

Effective May 20, 2002

Visit our Illinois State University Web site at <http://www.IllinoisState.edu>

University Offices

University Operator:.....	(309) 438-2111
Admissions:.....	438-2181; www.IllinoisState.edu/admissions/
Extended University:.....	438-5288; www.exu.ilstu.edu/
Financial Aid:	438-2231; www.fao.ilstu.edu/
Records:	438-3408; www.arr.ilstu.edu/Registrar/
Registration:	438-2188; www.arr.ilstu.edu/Registrar/
Residential Life:.....	438-8611; www.uhs.ilstu.edu/
Undergraduate Evaluations:	438-2282; www.arr.ilstu.edu/Registrar/
Veterans Affairs:	438-2207; www.arr.ilstu.edu/Registrar/

The statements in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the University Registrar, the Provost, and the major departments and schools. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

Illinois State University is committed to providing equal opportunity and an educational and work environment for its students, faculty, and staff free from any discrimination based on race, color, religion, sex, national origin, sexual orientation, ancestry, age, marital status, physical or mental disability, unfavorable discharge from military, or status as a disabled veteran or veteran of the Vietnam Era.*

Further, Illinois State University is committed to a comprehensive program of Affirmative Action to ensure access, equity and fairness in educational programs, related activities and employment for minorities, women, individuals with disabilities, disabled veterans and veterans of the Vietnam Era. Copies of the Affirmative Action Plan are available for inspection during regular business hours in the following offices: Academic Personnel, Diversity

and Affirmative Action, Human Resources, and Milner Library. Additionally, the Plan can be inspected on the following Web site: www.diversity.ilstu.edu.

The Office for Diversity and Affirmative Action is responsible for administering and monitoring Illinois State University's Affirmative Action Plan, Plan for Diversity and equal opportunity/affirmative action policies and procedures. Inquiries about or complaints alleging violation of the University's equal opportunity/affirmative action policies should be directed to the Office for Diversity and Affirmative Action. The Coordinators for Title IX and the ADA/504 may be reached at the same office.

**The expansion of Illinois State University's policy is within the scope of law except for sexual orientation. The elimination of this form of invidious discrimination is based solely upon University policy and is to be resolved within existing University procedures.*

Confidentiality of Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, Illinois State University students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution unless the student waives this right in writing. It also ensures that records cannot be released in other than emergency situations without the written consent of the student except in the following situations:

1. to officials of other schools or school systems in which the student seeks or intends to enroll, upon condition that the student be notified of the transfer, receives a copy of the record if desired, and has an opportunity for a hearing to challenge the content of the record;
2. to authorized representatives of (1) the Comptroller General of the United States, (2) the Secretary of the U.S. Department of Education, (3) State educational authorities, or (4) authorized representative of the Attorney General for law enforcement purposes;
3. parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954. (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to local and home address);
4. organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, administering student aid programs, and improving instruction, if such studies are conducted in such a manner as will not permit the personal identification of students and their parents by persons other than representatives of such organizations and such information will be destroyed when no longer needed for the purpose for which it is conducted;
5. accrediting organizations to carry out their accrediting functions;
6. to comply with a judicial order or lawfully issued subpoena (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to the local and home address);
7. to other school officials, including faculty within the educational institution or local educational agency who have legitimate educational interests;
8. to Financial Aid staff in connection with the student's application for, and receipt of, financial aid;
9. where the information is classified as directory information. The following categories of information have been designated by the University as directory information: name, address, telephone number, date and place of birth, major, class, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, and course load status, candidacy for degree, degrees (including date awarded) and awards received, and the most recent previous educational agency or institution attended by the student. If a student does not wish such information released without consent, he or she should notify the Office of University Registrar, 107 Moulton Hall, Campus Box 2202, prior to the first day of classes;
10. disclosure to appropriate persons is in connection with an emergency, and the information is necessary to protect the health and safety of the student or other persons;
11. disclosure of the final results of a disciplinary proceeding conducted by the University is to an alleged victim of any crime of violence as that term is defined in Section 16 of Title 18, United States Code, or a nonforcible sex offense. This information shall contain only the name of the student, the violation committed, and any sanction imposed by the University on that student. The name of any other student (such as a victim or witness) will only be released with the written consent of that other student.

Questions concerning this law and the University's policy concerning release of student information and the procedures for contesting the content of cumulative files may be directed to the General Counsel, Hovey Hall 208, Campus Box 1010, (309) 438-8999.

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University Calendar, 2002-2003

2002
2002 Summer Session

May 20	Opening of summer session.
May 27	Memorial Day holiday.
June 7	Last day for undergraduate students to apply for graduation at end of summer session.
July 4	Independence Day holiday.
August 9	Summer session ends.
August 13	Grades due by 9:00 a.m.

2002 Fall Semester

Aug. 12-18	Registration and program change. Please see <i>Class Registration Directory</i> for specific registration schedule.
Aug. 18	Last day to withdraw from classes with a full refund of tuition and fees.
Aug. 19	Classes begin.
Aug. 21	Last day for late registration.
Aug. 21	Last day for program change.
Sept. 2	Labor Day holiday.
Sept. 20	Last day for undergraduate students to apply and pay fee for graduation in December.
Oct. 11	Last day to withdraw or to remove credit/no-credit option from a full semester class.
Oct. 11	Fall break.
Oct. 12	First half of semester ends.
Oct. 14	Second half of semester begins.
Nov. 27	Thanksgiving vacation begins at 5:30 p.m.
Dec. 2	Classes resume.
Dec. 7	Last day of classes.
Dec. 9-13	Evaluation and review period.
Dec. 13	Fall semester ends.
Dec. 14	One hundred forty-sixth Commencement.
Dec. 17	Grades due by 9:00 a.m.

2003 Spring Semester

Jan. 6-12	Registration and program change. Please see <i>Class Registration Directory</i> for specific registration schedule.
Jan. 12	Last day to withdraw from classes with a full refund of tuition and fees.
Jan. 13	Classes begin.
Jan. 15	Last day for late registration and course changes.
Jan. 15	Last day for program change.
Jan. 20	Martin Luther King, Jr. holiday.
Feb. 7	Last day for undergraduate students to apply and pay fee for graduation in May.
Mar. 7	Last day to withdraw or drop the credit/no-credit option from a full semester class.
Mar. 8	First half semester ends. Spring vacation begins at noon.
Mar. 17	Classes resume.
May 3	Last day of classes.
May 5-9	Evaluation and review period.
May 9	Spring semester ends.
May 10-11	One hundred forty-seventh Commencement.
May 13	Grades due by 9:00 a.m.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

2003

January							February							March							April							May						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29	27	28	29	30			25	26	27	28	29	30	31	
													30	30	31																			

May						
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30						

July						
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August						
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September						
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29	30					

October						
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November						
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December						
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29	30	31				

USING THE CATALOG

Entering the world of higher education in general and Illinois State University specifically can be overwhelming. There are challenges to conquer before the semester even starts, as you learn the basics of how to buy books, figure out where your classes meet, interpret terms used in the campus community, and begin to build new relationships.

Realizing you may feel overwhelmed with information about policies and procedures, the University provides this *Undergraduate Catalog* as a guide to answer some of your basic questions and guide you in the right direction when you need assistance.

This publication contains important facts about academic programs and requirements, admission, costs, financial aid, housing, and student services and activities of Illinois State.

In the chapters that follow you will find general information about the University's history, mission, and environment. Valuable tips for becoming more familiar with the campus community and involved in a variety of activities are included, in addition to suggestions for staying informed of both academic and social information important to your success as a student.

You are encouraged to review the entire *Undergraduate Catalog* carefully to gain an overview of the opportunities offered by the University, as well as the University's expectations of you. For specific information about particular concerns, consult either the Table of Contents or the Index.

In this catalog you will find descriptions of a wide variety of undergraduate programs (majors and minors) in more than 167 separate fields of study. Review the departmental section for an understanding of the requirements for each of these specific programs. In addition, the Academic Policies and Practices section details the general requirements necessary for completion of the undergraduate degree.

You also will find in this catalog descriptions for the undergraduate courses offered by the 35 academic departments and schools of the University. Please note you will need to consult the *Class Registration Directory* to learn what specific courses are offered in a given semester.

UNDERGRADUATE CATALOG REQUIREMENTS

For a student who attends at least one term of each academic year, graduation requirements are specified in the *Undergraduate Catalog* for the year of entry to the University. If attendance is not continuous, a student must meet the requirements specified in the *Undergraduate Catalog* in effect when he or she reenters the University. If such a student continues in the curriculum chosen originally, the hours earned in meeting the requirements of the original program may apply to the hour requirement of a revised program.

In all instances, the University may adjust graduation requirements to ensure that each graduate of a teacher preparation curriculum meets the course requirements for an Illinois Teaching Certificate.

A student who transfers from an Illinois public community college to this university may choose to meet graduation requirements specified in the Illinois State University *Undergraduate Catalog* in effect at the time the student entered the community college if (1) attendance was not interrupted (not including summer terms), and (2) transfer to Illinois State occurred within nine months of attendance at the community college.

Since University programs are constantly evaluated and improved, a student may graduate under new requirements published while he or she is in attendance at the University. **A student who changes to new *Undergraduate Catalog* requirements, however, must meet all the requirements including General Education and graduation requirements, in that catalog.**

GLOSSARY

In reading this catalog, you may encounter some words or phrases that are unfamiliar. The following list defines terms frequently used within the Illinois State community and will help you more easily understand information you will receive from the University.

Academic Affairs One of the four major divisions of the University, headed by the Vice President and Provost, that focuses on educational needs of students.

Academic Good Standing A minimum cumulative grade point average of 2.0, which is required for continued enrollment in the University.

Academic Progress Alert A notification sent to students in the first half of the semester of their potential grades in 100-level classes.

Academic Progress Summary The University's assessment of a student's work toward completing graduation requirements for the bachelor's degree.

Academic Year The period of time commencing with the fall semester (16 weeks) and continuing through the spring semester (16 weeks) and summer term (12 weeks).

Advanced Placement Program Sponsored by the College Entrance Board, this program allows students to be awarded credit or exemptions from required courses based on test scores.

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements.

Alumni Individuals who have attended or graduated from a particular college or university.

Audit The completion of a course taken without credit.

Bachelor of Arts (B.A.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; required field(s) of study; and a foreign language course.

Bachelor of Fine Arts (B.F.A.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and art field of study requirements for B.F.A. degree.

Bachelor of Music (B.M.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Bachelor of Music Education (B.M.E.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and Professional Education requirements.

Bachelor of Science (B.S.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for

graduation; field(s) of study requirements; and an additional course in science, mathematics, statistics, or technology beyond the General Education requirements.

Bachelor of Science in Education (B.S. in Ed.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; Teacher Education approved major; and Professional Education requirements.

Bachelor of Science in Nursing (B.S.N.) Degree Degree earned by students who complete the General Education Program requirements; general requirements for graduation; and nursing field of study requirements.

Board of Trustees The governing body for Illinois State University.

Clinical Experience A part of the program that allows for observation, participation, studies of individual pupils or clients, individual field work, and practicums both on and off campus.

College Level Examinations Program (CLEP) A program that allows students to receive credit by examination rather than completing course work.

Connections Freshmen learning communities that offer students the opportunity to take courses together, share an academic advisor, and participate in special activities.

Credit Hour A standard unit of measuring course work; credit hours are assigned to a particular course and count toward graduation. Typically a course that meets for three hours a week is worth three credit hours.

Cross-listed Course Course offered by more than one department, but treated as one course for credit purposes.

Curriculum A program of study covering the entire undergraduate or graduate career and designed to satisfy the requirement for a degree.

Daily Vidette, The Illinois State's student newspaper, published Monday through Friday during the academic year except for semester breaks and once a week during the summer. Articles and notices are directed toward the interests of students and employees.

Dean The highest administrative officer of a college.

Department Chairperson An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Enrollment Verification Undergraduate students for fall/spring are considered full-time if they are enrolled 12.0 or more semester hours, half-time if they are enrolled fewer than 12.0 but at least 6.0 semester hours, and part-time if they are enrolled fewer than 6.0 semester hours. Undergraduate students for summer are considered full-time if they are enrolled 6.0 or more semester hours, half-time if they are enrolled fewer than 6.0 but at least 3.0 semester hours, and part-time if they are enrolled fewer than 3.0 semester hours.

Escrow Credit Credit awarded to registered nurses for their previous learning in the field of nursing.

Finance and Planning One of the four major divisions of the University, headed by the Vice President for Finance and Planning, that focuses on financial management and planning.

Free Application for Federal Student Aid (FAFSA) The form required for financial aid consideration at Illinois State.

General Education Program The integrated 45 credit hour foundation courses in subjects outside a student's major that must be completed to obtain a baccalaureate degree.

Grade Point Average (GPA) The total number of grade points divided by the total graded semester hours attempted at Illinois State University.

Illinois Articulation Initiative (IAI) A statewide agreement among more than 100 public and select private institutions, designed to facilitate transfer between colleges and universities within the state.

Illinois Board of Higher Education (IBHE) The board that oversees and coordinates all public higher education in Illinois.

Independent Study Intensive study in a special area of the student's interest under the direction of a faculty member. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Institute Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Courses taught as institutes are designated by the number 397.

Interdisciplinary A program or course that spans two or more academic disciplines.

Major A cohesive combination of courses, including introductory, intermediate, and advanced course work, that designates a student's primary area of specialization.

Matriculation Enrollment in a degree-granting program at a college or university.

Minor A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts upon receipt of degree.

Nonresident A student whose principal residence is not in Illinois.

Nontraditional Student A student who does not fit the typical profile of undergraduate students.

Not for or if had (course) means that content overlap exists between the specified courses such that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Office of University Registrar An academic unit that maintains and provides academic records including transfer credit, enrollment verification, transcripts and course registration.

Passages A variety of social activities scheduled at the beginning of the fall semester to integrate students on campus.

PIN Personal Identification Number. Unique number assigned to each student for registration and identification purposes.

Prerequisite Specific requirements that must be completed prior to enrolling in a given class, program, or field of study.

Preview A two-day program held during the summer to orient new freshmen students and their families to campus.

Professional Practice Professional Practice consists of academic/career related work experiences completed for credit either on campus or at a place of business. They may or may not be salaried. A maximum of 16 credit hours may count toward graduation.

Provost The Vice President for Academic Affairs who is responsible for all academic matters.

Quad The open green space at the heart of the campus that is surrounded by academic and administrative buildings.

Research A specific investigation consisting of creating and expanding basic knowledge.

School Director An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Semester A semester at Illinois State is the 16-week academic session offered each fall and spring.

Seminar A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Sequence A subdivision of a major in which there are specific requirements. Sequences of the same major generally share a common core within a major. Sequences are designated on University transcripts upon receipt of degree.

SIAS The Student Information Access System, accessed through the World Wide Web or any computer terminal with access to the University mainframe, allows students to register for classes and provides information on: course availability, semester class schedule, admission to teacher education and status, course articulation information, address verification or change, financial aid status, student accounts summary and academic records.

STAR + The voice response telephone system students may use for course registration, attendance confirmation, academic transcripts, and financial aid information.

Student Affairs One of the four major divisions of the University, headed by the Vice President of Student Affairs, that focuses on personal and nonacademic needs of students.

Student Code Enforcement and Review Board (SCERB) The board that supervises the enforcement of student policies and regulations.

Syllabus A document describing the objectives, outcomes, assessment activities, and structure of a course.

Temporary Course Credit courses that often are used to experiment with a new curriculum, take

advantage of the skills of a faculty member who will be at the University for a limited period, or respond to particular interests of students. Temporary courses may not be required within a major or sequence.

Topics Course An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. The content of the course varies by semester.

Transcript The University's official record of credit or degrees awarded, including the courses taken by a student and the grades received in each course.

Transfer Registration Days Specifically designated advance registration days for transfer students; also includes orientation for new transfer students.

University Advancement One of the four major divisions of the University, headed by the Vice President for University Advancement, that focuses on public outreach and fundraising.

University Center for Learning Assistance (UCLA) This center provides academic assistance in a variety of subjects through individual and group tutoring, courses, and seminars.

University College An academic unit that provides academic support to all students, advising all freshmen and students who have not chosen a major or been admitted to major programs, as well as students who need help improving their academic skills.

Workshop Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses.

WGLT A national public radio station affiliate licensed to Illinois State.

THE CAMPUS AND THE COMMUNITY

Illinois State University...

A small college experience with large university opportunities.

OUR HERITAGE

The first public university in Illinois, Illinois State University was founded in 1857 as a normal university to prepare the state's teachers. Our institution has a rich heritage as the state's leader in all facets of teacher education, from classroom instruction to educational administration and statewide policy-setting. Illinois State is now a comprehensive university offering more than 160 major/minor options in six colleges, but that early emphasis on education continues to shape the University, in particular our values-based commitment to creating an optimal learning environment for all Illinois State students, whether undergraduate or graduate, on campus, or off campus.

OUR VALUES

Individualized Attention: Providing the supportive environment of a small college through an innovative General Education program, strong student-faculty connections, superior student services, and a focus on each student as an individual, with unique educational needs and potential. Illinois State is a campus dedicated to *placing the learner at the center of teaching and research.*

Public Opportunity: Assuring students access to the opportunities of a large university, including a wide range of high-quality programs, faculty mentors who are scholars and creative artists of repute in their disciplines, and the support of outstanding facilities and technology.

Active Pursuit of Learning: Educating the complete student inside and outside of the classroom, so that students come to appreciate learning as an active and lifelong process.

Diversity: Encouraging community and respect for all differences among students, faculty, and staff by fostering an inclusive environment that prepares students to be engaged participants in global society.

Creative Response to Change: Facilitating personal growth of students, faculty, and staff through innovative applications in undergraduate

and graduate study, pedagogy, research, creative activities, and public service.

Illinois State's physical beauty and ideal location near the geographic center of the state make it easy to establish a home away from home and appreciate this dynamic multipurpose university.

ILLINOIS STATE UNIVERSITY MISSION STATEMENT

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, our scholarship and the connections we build between them. We devote all of our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Revised by Academic Senate, Spring 2002

UNIVERSITY COMMITMENT TO DIVERSITY

Illinois State University is committed to creating a rich and challenging learning environment for all members of our intellectual community, inside and outside of the classroom. Diversity is a critical component of that learning environment and the Illinois State University community embraces it enthusiastically. The Board of Trustees and the Office of the President have approved a University Plan for Diversity that establishes a series of goals and concrete actions designed to reinforce and expand the climate for diversity on campus. The goals from the *Plan for Diversity* are incorporated into the University's strategic plan, *Educating Illinois*. Diversity is thus also an essential component of university planning at Illinois State.

ACCREDITATION

Illinois State University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. For further information regarding this accreditation, contact North Central Association of Colleges and Schools at 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602, phone (312) 263-0456. In addition, various programs hold discipline-based accreditation. The University is associated with the following professional agencies:

* Accreditation Association for Ambulatory Health Care
American Assembly of Collegiate Schools of Business
American Association for Health Education
American Association of Family and Consumer Sciences
American Chemical Society
American Psychological Association
American Society for Safety Engineers
American Speech-Language-Hearing Association
Commission on Accreditation of Allied Health Education Programs
Commission on Accreditation/Approval for Dietetics Education--Developmental Accreditation
Computing Science Accreditation Board
Council for Accreditation of Counseling and Related Educational Programs
Council on Academic Accreditation of the American Speech-Language-Hearing Association
Council on Social Work Education Commission on Accreditation
Illinois State Board of Education
* International Association of Counseling Services
National Accrediting Agency for Clinical Laboratory Sciences
National Association for Education of Young Children
National Association of Industrial Technology
National Association of Music Therapists
National Association of School Psychologists
National Association of Schools of Art and Design
National Association of Schools of Music
National Association of Schools of Theatre
National Athletic Training Association
National Council for Accreditation of Teacher Education
National Environmental Health Science and Protection Accreditation Council
National League for Nursing Accrediting Commission
National Recreation and Park Association
North Central Association of Colleges and Schools
Society for Public Health Education

* Non-academic accreditation of services.

CAMPUS PROFILE

Illinois State's tree-shaded campus covers 850 acres and provides a study of varying architecture with 60 major buildings, most of which are less than 30 years old and accessible to individuals with disabilities. Buildings range from the castle-like appearance of Cook Hall to the modernistic dominance of the 28-story Watterson Towers residence hall and the recently completed high-tech Science Laboratory Building.

Classrooms are centrally located, conveniently surrounded by Milner Library, residence halls, athletic arenas, and facilities set aside for recreational or social activities. For destinations that may be too far to walk, a bus service known as Nite Ride runs from 7 p.m. to 1 a.m. around the campus at no cost to students with a valid ID. It also accommodates students with disabilities unable to use the regular bus system and those students who live in areas not serviced by established city routes.

Campus facilities include:

- Milner Library, which has more than 1.4 million catalogued books, 400,000 government publications, nearly 2 million pieces of microform, close to 500,000 maps, and over 25,000 audio and video recordings.
- Bone Student Center, including 3,500-seat Braden Auditorium and the adjacent Bowling and Billiards Center.
- 13 residence halls.
- The Science Laboratory Building, a state-of-the-art facility that provides to students and faculty new opportunities for instruction and research.
- Student Services Building, including a modern, accredited, comprehensive health service.
- 18-hole championship golf course, 11 tennis courts, and a Student Recreation Center that offers features of a full-service health club.
- Redbird Arena and Horton Field House, which seat 10,005 and 8,000 respectively.
- Numerous visitors' attractions that include a planetarium, one of the largest art galleries for rotating displays in the state, a fully operational 650-acre farm that is home to the state's only aquaculture center, and the Jesse Fell Arboretum that includes more than 4,000 trees representing more than 100 species.

STUDENT PROFILE

Students who choose Illinois State come from across the state, the nation, and around the globe. The diversity that exists within the student body enriches all aspects of the collegiate experience and makes the living and learning environment especially dynamic.

The academic success students achieve at Illinois State is apparent in the University's graduation, placement, and satisfaction rates. Fifty-six percent of first-time freshmen graduate in six years. Seventy-eight percent of alumni surveyed are employed in a full-time job closely related to their baccalaureate major and 92 percent of the respondents felt that Illinois State prepared them for their position.

FACULTY PROFILE

Talk to those who have attended Illinois State and you will discover faculty members are consistently identified as one of the University's most treasured resources. The reason is a commitment faculty make to provide students personal attention that is truly unique at an institution as large as Illinois State.

The vast majority of Illinois State's 865 full-time and 284 part-time faculty members hold the highest degrees in their field. Numerous Illinois State faculty have been selected as Fulbright Scholars, participating in the United States government's international educational exchange program.

Faculty share their expertise beyond the expected lectures and laboratory sessions, giving students the opportunity to participate in scholarly research. Student work done in collaboration with distinguished professors and outstanding university researchers is showcased each spring in the Undergraduate Research Symposium.

COMMUNITY PROFILE

Illinois State is located in the twin-city community of Bloomington-Normal, with a population of approximately 146,800. Centrally located just 137 miles southwest of Chicago and 164 miles northeast of St. Louis, the community is situated at the crossroads of three major interstates as well as along the Chicago and St. Louis railroad corridor. One of the fastest growing areas in Illinois, Bloomington-Normal enjoys a strong economy that is built on a blend of insurance, education, agribusiness, and industry.

The community has been rated the second safest college town in Illinois and the ninth safest in the Midwest by the authors of *Crime at College: The Student Guide to Personal Safety*. The book's safety profiles were compiled from FBI criminal statistics and represent a national perspective.

ALUMNI SERVICES AND FOUNDATION OFFICES

Bone Student Center (309) 438-2586

Alumni Services: Alumni traditions were begun in 1863 with the first Alumni Association meeting. Alumni Services now offers activities and assistance to all Illinois State University alumni and coordinates all programs of the 145,000 member Alumni Association. All graduates are automatic members of the Alumni Association; no dues are required to join. With offices in the Bone Student Center and on Michigan Avenue in Chicago, Alumni Services' primary goal is to act as liaison between the University and its alumni locally, nationally, and throughout the world.

Together with the Illinois State Alumni Association, Alumni Services staff provides the campus community assistance in staying connected to graduates and building pride in students currently enrolled. The office assists in meeting the changing needs of alumni, planning outreach activities that keep alumni connected, and nurtur-

ing a lifelong bond between the University and its graduates through programs like:

- *Illinois State*, the quarterly alumni magazine
- Geographic chapters
- Reunions, Homecoming, special events
- Travel programs
- Credit cards
- Insurance opportunities
- Awards recognizing alumni and students
- Alumni records and directory services

Current students have the opportunity to become involved through the Student Alumni Council (SAC), a registered student organization with headquarters in the Alumni Services office in Bone Student Center (309) 438-2586. SAC is open to all students and serves to link Illinois State University's past, present, and future. Members of the organization are active in many campus events and help to promote university pride.

Foundation: The Illinois State University Foundation is a not-for-profit corporation chartered by the State of Illinois for the sole purpose of soliciting, receiving, holding, investing, and administering gifts, grants, real property, historical papers, collections, and other materials which support and enhance educational opportunities at Illinois State University. It also supports an office in Chicago and oversees the management of Ewing Manor. Policies for the Illinois State University Foundation are overseen by an elected Board of Directors comprised of alumni and friends of the University, and ex-officio campus representatives.

Unrestricted gifts enable the University to achieve a higher level of quality because the resources can be distributed where the need is greatest. However, gifts and grants may be designated to support specific colleges, departments, schools, and educational programs. Bequests, charitable remainder trusts, and other planned and deferred gifts also are processed through the Foundation.

All gifts made to the Illinois State University Foundation are tax deductible as provided by law. Further information about the Foundation may be obtained by contacting the Vice President for University Advancement, (309) 438-7681.

GOVERNANCE

The Academic Senate is the major internal governance body of the University. The Senate acts in legislative and advisory roles with regard to University policies involving faculty and students, academic programs and planning, and University concerns. Based upon the concept of shared governance, the 62-member Senate's representatives consist of 30 faculty members, 21 students, one representative from the Civil

Service Council and one from the Administrative Professional Council. Additionally, the ex-officio representatives are the President of the University, 3 Vice Presidents, 2 Associate Vice Presidents, a representative from the Deans Council, the Chairperson of the Chairs Council, and the Student Trustee.

Through the Academic Senate and its external committee system, students, faculty, and administrators share in the study and development of policy. Students are encouraged to participate in the Senate-appointed committees and councils such as Academic Planning, Academic

Standards, Athletic Council, Council for Teacher Education, Honors Council, Council on General Education, Education, Entertainment, Library, Reinstatement, Student Code Enforcement and Review Board (SCERB), and University Curriculum. Students also participate as members of college and departmental councils and serve on search and ad hoc committees. Application forms for committees are available from the Academic Senate Office, Campus Box 1830, Hovey 408; (309) 438-8735; email address: acsenate@ilstu.edu.



ADMISSION POLICIES

Admission Criteria

Illinois State University maintains a small college environment within a large university. We value personal attention for each and every student, and our commitment to individuals ensures that your application will be reviewed carefully by admissions representatives.

Illinois State seeks a highly-motivated, academically well-prepared, and diverse student body. Priority consideration for admission will be given to outstanding students whose applications are complete and postmarked during the priority filing period for the term for which they are applying (please see Projected Deadlines). Applications postmarked during the priority filing period may have an advantage when space is limited. Please refer to the 2003-2004 Undergraduate Application for Admission for more information.

You may apply for admission to Illinois State University on-line or by downloading an application from the Admissions Web site at www.IllinoisState.edu/apply. Paper applications are available beginning in September from your high school or community college guidance office or from Illinois State University's Office of Admissions. Applicants who are not United States citizens or United States permanent residents should request an international student application. Prospective graduate students should request a graduate application. Applicants 25 years of age or older who are interested in the Adult Learner program should request an adult learner application.

General Information

Prospective students may contact the Office of Admissions through a variety of sources.

Address:
Illinois State University
Office of Admissions, Hovey Hall 201
Campus Box 2200
Normal, IL 61790-2200

Telephone: (309) 438-2181
Toll free: (800) 366-2478
TDD: (309) 438-2006
Web sites: www.IllinoisState.edu/admissions
www.IllinoisState.edu/apply
Email: ugradadm@ilstu.edu

The Office of Admissions is open from 8 a.m. until 4:30 p.m., Monday through Friday, and from

9 a.m. until Noon on most Saturdays from August through May when classes are in session. Contact the Office of Admissions to arrange a campus visit or meeting with an Admissions representative.

Student Classifications

Beginning Freshman: A person who has never attended any college or university since graduating from high school. Students earning college hours while in high school will be classified as a new beginning freshman.

Please note the following:

1. A person who enrolls at any college or university during the summer term between high school graduation and the subsequent fall term at Illinois State University will be classified as a beginning freshman.
2. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a beginning freshman if the high school transcript posts the graduation date as May or June.

Transfer Student: A person who has enrolled at any college or university, after graduating from high school, whether or not any work was completed.

Please note the following:

1. A person who enrolls at any college or university during the summer term between high school graduation and the subsequent fall term at Illinois State University will be classified as a beginning freshman, not a transfer student.
2. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a beginning freshman if the high school transcript posts the graduation date as May or June.
3. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a transfer student if the high school transcript posts the graduation date as January.

Former Illinois State Student: A person who wishes to return to Illinois State after one or more semesters away from campus.

Unclassified Undergraduate: a person who desires to take classes at the University without working toward a specific degree.

International Student: a person who is neither a United States citizen nor a United States permanent resident.

Special Admissions: a number of conditions under which certain categories of students are admitted (see Special Admissions Programs).

The following sections outline the criteria for the six admission categories listed above.

FRESHMAN ADMISSION STANDARDS

1. College Preparation

You are encouraged to pursue as rigorous and challenging a college preparatory program as is available at your high school. You must show successful completion of:

- four years of English with emphasis on written and oral communication and literature.
- three years of college preparatory mathematics, including algebra I, geometry and algebra II - trigonometry, or higher.
- two years of social studies with emphasis on history and government.
- two years of laboratory science selected primarily from biology, chemistry, physics, and geology.
- two years of one foreign language *or* two years of fine arts selected primarily from art, music and theatre.
- two years of electives, including courses in any two of the four categories above (excluding English) and/or courses in vocational education and fundamentals of computing.

2. Guide to Standardized Test Scores, Class Rank and Grade Point Average

- In making admissions decisions, Illinois State considers your ACT/SAT scores, high school transcript (including grade trends and vigor of courses completed), high school class rank, grade point average, your personal statement, and in some cases, letters of recommendation.
- Of those freshman students admitted for the 2002-2003 academic year, 91% ranked in the top half of their graduating class; 48% ranked in the top quarter; and 17% ranked in the top 10 percent of their class. The average ACT score

was nearly 24 and there were significant increases over previous years in the number of admitted students having scores between 24 and 35.

3. Personal Statement

Illinois State believes that student motivation and academic preparation are not fully revealed by a student's high school transcript(s) or standardized test scores. The ability to succeed at Illinois State may be indicated by factors which can only be explained in written personal statements.

- Illinois State's admissions process requires the submission of a personal statement, which will be reviewed along with other documentation submitted.
- Your personal statement may be used to comment on your motivation for college-level work or to explain circumstances that may affect our admission decision and that are not readily apparent from academic records. This is your opportunity to address the Admissions Committee directly--to let the committee know more about you as an individual in a way that statistics cannot.

General Equivalency Diploma in Lieu of High School Diploma

Applicants who use general equivalency diploma (GED) test results in lieu of a high school diploma are required to submit GED test results reflecting the standard of 410 on each of the five tests and an average battery score of 450. Applicants must also submit ACT or SAT results as well as a personal statement.

SPECIAL CONDITIONS

- Applicants are required to submit final official high school transcripts by August 1 in order to verify high school graduation prior to enrollment at Illinois State. In addition, official ACT or SAT scores also must be received by August 1. If the scores were not sent to Illinois State University at the time the test was taken, students should write the American College Testing Program (ACT, Box 168, Iowa City, IA 52243) or the Educational Testing Service (Princeton, NJ 08541-0001) and request that they be sent to Illinois State University.
- Admission decisions are conditional until high school academic preparation is verified on final transcripts. Admission may be revoked if

satisfactory completion of minimum course specific requirements is not confirmed by the high school transcript.

- Only results of ACT or SAT tests taken prior to the projected application deadline *or* the date on which the University stops accepting applications—whichever is earlier—will be considered for admissions purposes.
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

TRANSFER ADMISSION STANDARDS

Highest admission priority will be granted to transfer students with the strongest academic records and those who have achieved an Associate in Arts or Associate in Science (A.A. or A.S.) degree from any regionally accredited post secondary institution. Of those transfer students admitted for the 2002-2003 academic year, the average grade point average was 2.98.

As a transfer student, you will be considered for admission if you have:

- earned a minimum overall grade point average of 2.0 on a 4.0 scale for all college work completed;
- earned good-standing status at the last college or university attended;
- met beginning freshman requirements for the term for which you are applying, or completed 30 or more semester hours of college work at the time of application to Illinois State.

Please note, an associate degree does not guarantee admission and it may not be possible to offer admission to all qualified applicants.

After official transcripts from all previously attended universities are received and soon after admission to Illinois State, the Office of the University Registrar will send you a statement of transfer credit indicating how each course transfers and how it has been used to fulfill Illinois State's curricular requirements.

If you have completed an A.A. or A.S. from any regionally accredited post secondary institutions or the Illinois Transferable General Education Core Curriculum at an accredited, participating Illinois college or university, you will be considered to have met the Illinois State University General Education requirements. Students completing an A.A. or A.S. will also have junior class standing.

Transfer students who transfer credit from participating Illinois colleges or universities that satisfies some but not all requirements of the Illinois Transferable General Education Core Curriculum may satisfy Illinois State General Education requirements by completing requirements for the Transferable Core Curriculum at Illinois State or by completing the University's own General Education program. Other students must complete Illinois State's General Education program.

Limited Transferability of Courses with Earned Grades of D

Illinois State generally accepts transfer courses with earned grades of D. However, certain courses in some major programs may require a grade of C or better. When a student who pursues one of these majors transfers D grade course credit that is equated to an Illinois State course requiring a grade of C or better, the student will have to repeat the course to satisfy the major program requirements.

Maximum Transfer Credit Awarded

The University Registrar will provide admitted transfer students with a Statement of Transfer Credit, specifying how the transferred credit may be used to meet Illinois State graduation requirements. Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses; a maximum of credit from four-year colleges and universities is limited to 90 semester hours. Additional credit for military service may be considered.

SPECIAL CONDITIONS

- Transfer students must have official transcripts sent directly from all colleges and universities previously attended. Students with fewer than 30 semester hours of transfer credit also must submit official high school transcripts and ACT or SAT scores.
- Completed applications and all supporting documents must be on file in the Office of Admissions by the projected fall, spring, or summer term deadlines. It should be noted that admission decisions are conditional until final transcripts are received and maintenance of the required C average (2.0/4.0) is verified. Admission may be revoked if this information is not confirmed by the final official transcript(s).
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

Projected Deadlines

Academic Term/ Category	Priority Filing Period	Application Deadline*	Supporting Documents Deadline*
FRESHMAN			
Spring 2003	April 1 -- July 31	Nov. 1	Nov. 1
Summer 2003	Sept. 1-- Dec. 31	March 1	April 1
Fall 2003	Sept. 1-- Nov. 15	March 1	April 1
Spring 2004	April 1 -- July 31	Nov. 1	Nov. 1
TRANSFER			
Spring 2003	April 1 -- July 31	Nov. 1	Nov. 1
Summer 2003	Sept. 1-- Dec. 31	March 1	April 1
Fall 2003	Sept. 1-- Nov. 15	March 1	June 1
Spring 2004	April 1 -- July 31	Nov. 1	Nov. 1
FORMER ILLINOIS STATE STUDENT			
Spring 2003	April 1 -- July 31	Dec. 1	Dec. 1
Summer 2003	Sept. 1-- Dec. 31	March 1	April 1
Fall 2003	Sept. 1-- Nov. 15	June 30	June 30
Spring 2004	April 1 -- July 31	Dec. 1	Dec. 1

SUMMER VISITOR

Summer 2003	Sept. 1 -- Dec. 31	First day of classes	First day of classes
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* Subject to change

PROGRAM SPECIFIC ADMISSIONS

Certain areas of study may be subject to higher admission qualifications when more students apply to that area than may be admitted, or when it is determined that certain disciplines must become more selective. The University announces each fall the majors for which admission is extraordinarily selective and the supplemental admission criteria required for admission to those majors. Admission criteria are distributed to high school and community college counselors and are available on the Admissions Web site. Information about supplemental criteria may be

provided to applicants at time of application for admission, or applicants can call the Office of Admissions for specific information.

Second Bachelor's Degree: A student who already has received one bachelor's degree from Illinois State University, or from another college or university accredited for baccalaureate degrees by the appropriate regional accrediting association, may receive a second bachelor's degree at Illinois State University. All specified requirements at the time of admission to the program for the second degree must be met, and the program of studies completed for the second degree must include at least 32 semester hours of course work taken after the granting of the first degree, of which 30 hours must be taken in residence at Illinois State. At least 24 of the 32 hours offered toward the second degree must be senior college-level courses numbered 200 and above.

FORMER ILLINOIS STATE STUDENTS SEEKING READMISSION

Students wishing to return to Illinois State after being away for one or more semesters must apply for readmission. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200 or from the Admissions Web site.

Students who have been absent from the University for one or more semesters and who have, in the meantime, attended any other higher educational institution must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.0/4.0) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student. Applications must be submitted by the deadline. Readmitted students should consult the section on Undergraduate Catalog Requirements to determine which catalog should be used to determine graduation requirements.

Students who have been academically dismissed from Illinois State for poor scholarship must be reinstated by the University Reinstatement Committee. To initiate this process, students seeking reinstatement must include with their admission application a one-page, concise letter, with relevant documentation attached, which accounts for previous failure to achieve good academic standing and includes a thoughtful plan for earning higher grades. **NOTE:** Students seeking reinstatement also must meet the requirements for readmission, as previously explained, by submitting a

new undergraduate admission application as well as official transcripts from schools attended after dismissal from Illinois State. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200, or from the Admissions Web site.

New Start Option: Students who wish to return to Illinois State after being away for one or more semesters and who left in a degree program with less than a 2.0 GPA may return and begin with a new grade-point average calculated from the point of their reentry in three limited situations: Adult Learner, Veteran, or Community College Transfer. A description of each is available in the Academic Policies and Practices section of this catalog.

Students may exercise the New Start option only once and will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA; all other information on the student's record will not be affected. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA and graduation honors. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200 or from the Admissions Web site.

UNCLASSIFIED STUDENTS

Individuals desiring to take a class or classes at Illinois State without working toward a specific degree may be admitted as Unclassified Students. In general, they must have been out of high school for at least two years and must submit the necessary transcripts and test scores (summer visitors excepted). Applicants also will be required to provide evidence showing prerequisite background for the course(s) desired. Unclassified Students must meet the same admission requirements as new students and must maintain the same standard of performance as degree-seeking students. Unclassified Students who wish to become candidates for a degree at some later time must meet published requirements for admission into the desired program. Students who hold a baccalaureate degree from a regionally accredited college or university are not eligible for the unclassified undergraduate status. They must apply as a graduate Student-at-Large.

Summer Visitors: Students currently enrolled at another college or university, who plan to continue there, may attend a summer session at Illinois State University by submitting an application and an official statement of good standing in lieu of transcripts and test scores. A statement of good standing must be issued by the University

Registrar or Academic Dean in charge of records from the college or university the student is currently attending. Students entering Illinois State in this manner are admitted as Unclassified Students. Please note that submission of official transcripts may be necessary for placement into some courses.

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may apply as an Adult Learner. Freshmen may be admitted without presenting ACT or SAT scores and without proof of high school diploma and/or GED. Transfer students may be admitted without submitting transcripts from schools previously attended if they have not been in attendance at a college or university two years prior to the semester for which they have applied. If attendance has been within two years, students must submit transcripts indicating a cumulative grade point average of 2.0 on a 4.0 scale and be in good standing at the last school attended. Adult Learners who, at some later time, wish to become candidates for a degree must complete 12 semester hours with a 2.0/4.0 grade point average at Illinois State or must submit transcripts of all previous college work and meet minimum university admission requirements. An adult learner application must be completed for admission.

INTERNATIONAL STUDENT ADMISSION

Application Deadlines: International students may apply for admission in general accordance with procedures for native applicants. Filing deadlines for international student applications are May 1 for the fall semester, October 1 for the spring semester, and April 1 for the summer session.

Materials and Procedures: In addition to the completed application, the following materials are required:

1. Official academic records verified with seals and signatures and sent directly from the school or examinations council.
2. Official Test of English as a Foreign Language (TOEFL) score report sent directly from Educational Testing Service in Princeton, New Jersey. Conditional admission for future completion of the TOEFL requirement is not available. Applicants whose native language is English are exempted from the requirement.
3. Illinois State's admission process requires the submission of a personal statement, which will be reviewed along with other documentation submitted.

4. Declaration of finances showing source of support and official documentation of funds available for the first year's expenses is required for all students seeking F-1 status.

Upon receipt of all necessary materials, the Office of Admissions will review the application file, reach an admission decision, and send a Certificate of Eligibility for Non-immigrant (F-1) Student Status with the notification of acceptance.

During orientation week, new international students' written communication skills will be evaluated. The University will administer a test for placement in English 101, Language and Composition, a course required of all Illinois State students. Testing for other skills may be administered to determine placement in a sequence or course of the student's choice.

Eligibility: International students who meet all of the following criteria are eligible to apply for undergraduate admission:

1. Earned the equivalent of a U.S. high school diploma from an international institution of secondary or high school level, or will do so within one academic year of application.
2. Show academic achievement equal to a U.S. grade point average of C or better (2.0 on a 4.0 scale) in courses that reflect proficiencies in basic skill areas.
3. Earned a total score of at least 550 on the pencil/paper test or 213 on the computer based Test Of English as a Foreign Language (TOEFL). International students attending U.S. high schools may substitute ACT or SAT scores and class rank, as described for United States applicants.

International Students who meet all of the following criteria are eligible to apply as undergraduate transfer students:

1. Earned credit at a recognized international or accredited U.S. institution of higher education or will do so within one year of application.
2. Show academic achievement equal to U.S. grade point average of C or better (2.0 on a 4.0 scale) in courses that reflect proficiencies in basic skill areas. NOTE: Some departments have higher than the minimum standard for transfer admission. Refer to *Undergraduate Catalog* descriptions of majors.
3. Earned a score of at least 550 on the pencil/paper test or 213 for the computer based test on the Test of English as a Foreign Language (TOEFL). This requirement is waived for students who acquire 60 semester

hours while attending a college or university located in the U.S.

SPECIAL ADMISSION PROGRAMS

The University may admit a limited number of applicants with special characteristics and abilities who show the potential for success in collegiate work but who do not meet all the regular admission requirements. The special admissions programs are as follows:

Talent Program: Applicants who demonstrate an outstanding talent in art, music, theatre, or athletics.

Early Admit Program: Applicants who can benefit from college-level work prior to graduation from high school on a full- or part-time basis (concurrent with high school attendance).

Collegiate Opportunities Admission Program: Applicants must be new beginning freshmen and meet COAP requirements as specified by the Office of Admissions. COAP is offered only in the fall semester. Students who are economically and/or educationally disadvantaged and who can benefit from college-level work if intensive support services are provided are encouraged to apply.

Senior Commuter Program: Offers qualified high school students an opportunity to take college-level classes during their senior year of high school. Admission will be considered for a student who has reached senior status in high school. Senior Commuters, who must provide an official high school transcript of courses completed and ACT or SAT results, are evaluated on a case-by-case basis. If admitted, they are given unclassified student status. They cannot be full-time students while still in high school and must take classes offered on campus. Senior Commuters must have a letter of permission from the high school guidance counselor or principal in order to be considered for the program.

Veterans' Program: Applicants who were Illinois residents at the time of entrance into the Armed Forces, who present a discharge for other than dishonorable reasons showing completion of at least a one-year active tour of duty in the Armed Forces, and whose first attendance at a college or university after discharge is at Illinois State can apply through this program.

Inquiries regarding these programs should be sent to the Office of Admissions, 201 Hovey Hall, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, and should specify the particular program of interest.

Immunization and Medical Requirements for all Students

All students admitted to Illinois State University are required, by Public Act 85-1315 to provide proof of immunity for tetanus, diphtheria, measles, mumps, and rubella. Documentation of immunity must be complete and on file in the Student Health Service within the first 15 calendar days of the entering semester. Proof of immunity must include a tetanus/diphtheria booster within 10 years of attendance at Illinois State University; two measles immunizations, both after one year of age and after December 31, 1968; one mumps immunization after one year of age and after December 31, 1967; one rubella immunization after one year of age and after December 31, 1968. All immunization dates must be signed/certified by a physician or public health official. Immunization dates and certification can be documented on the Health History Report that also is required to be on file with the Student Health Service. Please note that a physical examination is not required. International students are required

by University regulations to have a TB skin test within 10 days of their arrival on campus. The Student Health Service strongly recommends that all students have a TB-mantoux skin test within the year prior to attending the University, and also strongly encourages immunization against Hepatitis B which is a series of three injections.

Information and instructions for meeting the stated requirements are included with the Illinois State University Health History Report Form that is mailed to all incoming students. The Student Health Service recommends completion of the immunization information as soon as possible and no later than the first day of the month in which classes begin. Students not in compliance with the immunization requirements by Labor Day (if entering fall semester), or January 28 (if entering spring semester) will have subsequent semester registrations blocked and be assessed an administrative compliance fee. Further information can be obtained by calling the Student Health Service Preventive Medicine Clinic at (309) 438-8560.

HONORS PROGRAMS

General Information

Honors Program, Corner of North and Fell Streets
Campus Box 6100, Normal, IL 61790-6100
(309) 438-2559

Web site: www.ilstu.edu/honors

Director: Stephen Rosenbaum

The nationally recognized Honors Program at Illinois State University provides enriching educational opportunities for academically talented students. Excellent students committed to their own personal development and to rewarding professional careers find that their Illinois State Honors education prepares them well for professional schools, graduate schools, and for satisfying employment after they graduate. Honors students enjoy the benefits of a small college in the rich context of a large multipurpose university. The University offers them among other benefits early registration; special courses, taught by distinguished teachers and scholars; close, caring personal advisement by Honors Program advisors; unique opportunities for undergraduate research/scholarship with world-class faculty scholars; and special living accommodations which bring them into close acquaintance with other Honors students in academic and social programs.

Successful graduates of the Honors Program attend top law schools, medical schools, and graduate schools. They also obtain outstanding employment with national corporations, both within Illinois and in other states.

ADMISSION TO THE HONORS PROGRAM

Incoming freshmen are invited to apply for admission to the Honors Program based on ACT/SAT scores and high school academic performance. Applications require a personal statement designed to give the Honors Admissions Committee a sense of how motivated an applicant is to pursue academic work. Acceptance into the program is not automatic, and is based on information submitted in applications. Students already enrolled in the University and incoming transfer students interested in Honors experience and participation may also request applications for admission to the Program, and must also submit a personal statement.

Early Admission for High School Students:

High school students whose records demonstrate exceptional academic promise may apply for early admission to the University and to the Honors Program at any time before high school graduation. For more information, contact the Admissions Office or the Honors Program.

ACADEMIC MERIT SCHOLARSHIPS FOR NEW STUDENTS

Illinois State University offers a number of scholarship programs to support academically talented new freshmen and transfer students. Several university-wide scholarship programs are listed below, but various departments and colleges offer their own merit scholarships, many of which are for new students. For further information, contact the Honors Program, the Office of Financial Aid, or the college or department associated with the program of study in which the student is interested. See also the Financial Assistance section of this catalog, which details additional merit scholarship programs.

Presidential Scholarships: Presidential Scholarships are merit scholarships awarded to outstanding students, without regard to financial need. Recipients of these scholarships are chosen by the University Scholarship Committee on the basis of academic achievement, as shown by high school academic record and scores on college admissions tests (ACT/SAT); by demonstrated leadership qualities; and by evidence of commitment to service. Presidential Scholars receive an \$8,000 award annually renewable for up to four academic years contingent on the student's continued attainment of a 3.30 cumulative grade point average (GPA). Finalists in National Merit, and National Achievement Program competitions who enroll as Presidential Scholars and who list Illinois State as their first-choice school receive an additional \$2,000 annually renewable for up to four years.

Presidential Scholar applicants generally rank within the top 10 percent of their high school classes, receive composite ACT scores in the high 20s or 30s, and demonstrate other meritori-

ous traits as evidenced by their overall high school records.

Presidential Scholarship winners are automatically admitted to the Presidential Scholars Program, an exclusive academic program combining some of the best courses in the University with a student-selected course of study, involving Honors Program advisors and selected professors around the University. The program is designed to offer participants the advantages of a small liberal arts college in the framework of an outstanding multipurpose university. This program is international in character, requiring study abroad and foreign language study. It also has a public service component, which enables students to earn academic credit for community service bringing them into contact with local professionals, depending on student interest and career goals.

Provost's Scholarships: Candidates for Provost's Scholarships are identified from the Presidential Scholarship applicant pool. The Provost's Scholarship is a \$2,500 award annually renewable for up to four academic years contingent on the student's maintenance of a 3.30 cumulative GPA. Provost's Scholars participate in the University Honors Program. The scholarship is based on academic merit and potential for outstanding achievement at the University. Provost's Scholar applicants usually rank in the upper 10 percent of their high school classes and receive minimum composite ACT scores in the upper 20s.

Honors Merit Scholarships: The Honors Program maintains a program of merit scholarships for new freshmen to support talented new students in the Program. These are tuition scholarships only for full-time study during the freshman year, and students may apply for them at any time during the year before they matriculate at Illinois State. Honors Merit Scholarships are reviewed continually throughout the academic year and are awarded on a "rolling" basis. Incoming students are eligible for these scholarships when they have applied for and been accepted into the Honors Program. To ensure full consideration applicants should submit their applications, available from the Honors Program, not later than March 1 in the spring before they enroll at Illinois State.

Native Honors students already matriculating at Illinois State are invited each spring to apply for tuition scholarships for the following summer and academic year.

ACADEMIC PROGRAMS WITHIN THE HONORS PROGRAM

Honors Courses: Honors students enjoy special sections of regular university courses, including courses in the General Education Program. They may also enroll in special courses taught by the university's distinguished scholars and teachers, including Advanced Colloquia on various topics, Independent Honor Study, and Honors Undergraduate Research. Among the courses offered by the Honors Program are those listed at the end of this section of the catalog.

Opportunities for Undergraduate Research and Scholarship: The Honors Program sponsors several programs designed to help students pursue research and scholarship as undergraduates. This is an especially important opportunity for students aiming for advanced study in graduate or professional schools. Honors students have used such research opportunities as a basis for publishing articles, networking with professors in their disciplines, and receiving national scholarships and academic prizes. The Program can provide information about Honors Research Mentorships, about Undergraduate Research Scholarships for summer, and about special curricular options involving undergraduate research.

Senior Professionals of Illinois State University: The Honors Program works with an organization of retired professionals in Central Illinois, Senior Professionals of Illinois State University, to offer mentorships for Honors students at the University. The organization consists of retired individuals from various professions, including lawyers, judges, university faculty and administrators, insurance executives, accountants, physicians, dentists, and numerous other professionals. These professionals mentor honors students, helping them make connections in their chosen fields, offering them advice regarding their professional aspirations, providing maturing social opportunities for them, and making scholarships available to them. This is a great opportunity, available only to Illinois State Honors students. Honors students may apply for Senior Professional mentorships at any time during their academic careers at Illinois State.

Preparation for Professional and Graduate Study: Illinois State students, including Honors students, frequently plan to seek graduate degrees and training in professional schools, such as law schools and medical schools, after they graduate from the University. The University supports these plans by having pre-law and pre-medical advisors for students wanting to pursue such professional

training. For information about all pre-professional programs and for references to appropriate advisors, contact the Honors Program. Students interested in graduate study should contact advisors in the Honors Program and in their major departments.

Individually Designed Curricula: Honors students may with the advice of select family members and Honors Program advisors participate in the design of their own educational curricula, reflecting their special interests and goals. This option, called the Faculty Colleague Program, includes individualized curricula for academic majors and minors and for General Education. It allows outstanding students the ability to shape for themselves useful curricular options that might not be available at any other university.

Presidential Scholars Program: The Presidential Scholars Program is an exclusive and unique academic program which offers students holding Presidential Scholarships, special curricula both in General Education and in their major courses of study; opportunities for study abroad; and select internship and service learning experiences. Presidential Scholars in this program enjoy special social activities, such as dinners with the President, and special advisement. For more information, see the section about Academic Merit Scholarships in the Honors section of this catalog.

Residential Programs for Honors Students: Students in the Honors Program may choose to live in Honors House in Atkin-Colby Hall, depending on availability. Honors House, staffed by student Honors Assistants serving as liaisons to the Honors Office, offers select social, cultural, and intellectual programs for students. Honors students living in Honors House may also move in several days before students moving into other residence halls each fall enabling them to avoid long lines and crowds often associated with fall move-in. The sense of community found in Honors House makes it a popular residence for Honors students.

Competitive National and International Scholarships: The Honors Program maintains information about prestigious national and international scholarships, for which many Illinois State students are eligible and can compete successfully. The Program assists students in applying for scholarships such as Rhodes Scholarships, Fulbright Scholarships, Goldwater Scholarships, Truman Scholarships, Marshall Scholarships, and many others. Students interested should attend scholarship informational workshops regularly scheduled by the Honors

Program, and they should contact the Honors Office for further information.

ACADEMIC HONORS

Dean's List: Undergraduates who meet high academic standards, as established by colleges affiliated with their major departments, are included in a Dean's List issued each semester. Many Honors students achieve recognition on Dean's Lists from various colleges. See the criteria for inclusion on Dean's Lists in the Academic Services section of this catalog.

Robert G. Bone Scholarship: Bone Scholarships are the highest academic honor awarded to undergraduates, and many of them are awarded to Honors students. For a fuller description, see Academic Honors in the Academic Services section in this catalog.

Charles W. Bolen Senior Professionals Honors Student Award: Honors students mentored by Senior Professionals are eligible to apply for the \$1000 Charles W. Bolen Scholarship. Scholarships are awarded each spring based on applicants' involvement with the Senior Professionals Program, academic merit, and campus and community involvement.

UNDERGRADUATE DEGREES WITH HONORS

Degrees with Distinction: Eligible students may graduate from Illinois State with traditional, Latin-named degrees with distinction: *cum laude*; *magna cum laude*; or *summa cum laude*. Many Honors students graduate with these distinctions. These designations are indicated both on a student's diploma and transcript. See the criteria under Degrees with Honors in the Degree Requirements section of this catalog.

Honors students receiving undergraduate degrees may receive one or more Honors designations, available to students with various types of commitment to academic work beyond the basic catalog requirements. The following designations, once achieved, are recorded permanently on student transcripts, and some of them are noted on diplomas. Such designations help students gain entry into graduate and professional schools, and enhance employment opportunities.

Freshman Honors Scholar: Students awarded this honor must meet the following conditions: (1) Achieve a 3.3 cumulative GPA by the end of the second semester of full time study; (2) participate for two semesters in the Honors

Program; (3) complete a minimum of 9 hours of Honors coursework with grades of 'A' or 'B' in the following courses: IDS 100 - Foundations of Inquiry; ENG 101 - Language and Composition (or the equivalent); COM 110 - Language and Communication. Students who have credit for ENG 101 or COM 110 before they enter Illinois State must take alternative Honors coursework.

Certificate in University Honors: Students awarded this certificate must satisfy the following requirements: (1) Overall GPA of 3.5 at graduation; (2) at least 12 hours of Honors coursework, earning grades of 'A' or 'B', (3) at least one of the following Honors experiences: (a) Advanced Honors Colloquium, (b) Undergraduate Research Participation (3 semester hours), (c) Independent Honors Study (3 semester hours); (4) 4 semesters participation in the Honors Program.

University Honors Scholar: Students designated University Honors Scholars must satisfy the following requirements: (1) Overall GPA of 3.65 at graduation; (2) 4 semesters participation in the Honors Program; (3) at least 24 semester hours of Honors coursework with grades of 'A' or 'B', including two different Honors experiences from the following: (a) Advanced Honors Colloquium, (b) 3 semester hours of Honors Undergraduate Research Participation, (c) being designated a Departmental Honors Scholar, or (d) satisfactorily completing an Honors Research Mentorship. This designation is indicated on student diplomas.

Departmental Honors Scholar: Special academic work leading to a student's being designated as a Departmental Honors Scholar is available in all academic departments or schools in the University. The criteria for becoming a Departmental Honors Scholar vary from one department or school to another, ranging from a specific sequence of courses to writing and defending special theses or completing special research projects. Criteria for this designation are available in the Honors Program Office or in various departmental offices. This designation is indicated on student diplomas.

CAMPUS HONOR SOCIETIES

Illinois State University sponsors numerous discipline-specific and general honor societies across campus, ranging from organizations which are solely honorific to those honor societies which offer service to the campus and community, giving students the opportunity to develop leadership skills, academic networks, and social skills. Honor societies specific to the various academic disciplines are sponsored by different academic depart-

ments at Illinois State, while general honor societies are sponsored at the college or university level. The Honors Program maintains information about honor societies on campus, and students interested in possibly becoming members of appropriate honor societies should contact the Program for further information.

Honors Courses

IDS

102 HONORS COLLOQUIUM 1-4 F

May be repeated once for cr if topic is different.

Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme.

IDS

202 ADVANCED HONORS COLLOQUIUM 3 F,S

Jr standing or cons Honors Dir req. May be repeated once if topic is different.

Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program.

IDS

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S

Participation in Illinois State Honors Program.

Honors study for one semester at another university.

IDS

285 HONORS UNDERGRADUATE RESEARCH 1-3 F,S

Cons Honors Dir req. May be repeated.

Honors student assists a faculty member on the faculty member's research project.

IDS

286 HONORS UNDERGRADUATE RESEARCH II 1-3 F,S

IDS 285 req. May be repeated.

Continuation of IDS 285.

IDS

299 INDEPENDENT HONOR STUDY 1-6

Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair, and Dir of Honors req.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

MAKING THE TRANSITION

Making the transition from your home environment to the collegiate lifestyle you will enjoy at Illinois State University is truly an exciting and emotional experience. You are joining thousands of students, all of whom have journeyed to the campus from different lifestyles and arrived with unique sets of skills and interests.

You will find you share a common bond with each of your peers, all of whom will experience the mix of anticipation and apprehension that accompanies your initial days as an undergraduate. As the new becomes familiar, however, you will find yourself immersed in an exciting atmosphere ripe with learning and life-changing opportunities.

You soon will realize Illinois State is committed to providing you with an excellent academic experience. Through the personal attention of faculty esteemed in their areas of expertise you will gain unique academic opportunities that will challenge you today in preparation for the professional tests you undoubtedly will encounter in the future.

The University makes a special effort to increase student involvement in the expansion of knowledge through active participation in research, teaming students with professors through collaborative projects and faculty-student mentorships. The campus learning environment is expanded through new applications of instructional technology as well as internships that connect students with the world outside the University through programs in a variety of fields. Others become involved in community service activities that link academic issues and skills with societal issues and concerns. Still other students seek a global perspective that is readily available through multiple international exchange opportunities.

Whether you are enrolling directly from high school or entering the University as a transfer student from another institution, you are making one of the most memorable changes of your life.

While questions and concerns inevitably will surface, the transition to Illinois State can be exciting and enjoyable. The key to a smooth transition often is found in knowing how to easily access information. This chapter addresses some of the most common issues you and your family will likely face as you begin to explore the University.

MAKING THE TRIP

Illinois State is conveniently located at the intersection of three interstates and can be reached by bus, train, and air service. Please refer to the maps in this catalog to help in your travel plans.

VISITING THE CAMPUS

The Office of Admissions encourages students and families to visit campus. Campus information sessions, which include a walking tour of campus and a residence hall tour, are offered Monday through Friday and on selected Saturdays from August through May when classes are in session. In addition to campus information sessions, you may schedule an appointment with an admissions representative or attend one of the several open houses held throughout the year.

To make a reservation for a campus information session, an Open House, or to arrange an appointment with an admissions representative, please contact the Office of Admissions by telephone at (309) 438-2181, toll free at 1-800-366-2478 or by email at ugradadm@ilstu.edu. The Office of Admissions is located in 201 Hovey Hall and is open 8 a.m. until 4:30 p.m. Monday through Friday and from 9 a.m. until noon on selected Saturdays from August through May when classes are in session.

The Financial Aid Office is located in Fell Hall and may be reached weekdays from 8 a.m. to 4:30 p.m. by telephone at (309) 438-2231 or email: askfao@ilstu.edu. Staff see students on an appointment or walk-in basis from 9 a.m. until 4 p.m., Monday through Friday. Individual assistance is provided to students and their families regarding available types of aid, eligibility requirements, application procedures, need determination, employment, and related matters. The Financial Aid Web site is www.fao.ilstu.edu/. Please refer to sections on Admission Policies and Financial Assistance for additional information.

ADDITIONAL INFORMATION

Individuals comfortable with the Internet will find answers to many of their questions by researching the University's home page at <http://www.ilstu.edu/> on the World Wide Web. You also may wish to contact offices or departments directly by phone using the numbers listed on the following page.

University Operator.....	(309) 438-2111
Academic Advisement.....	438-7604
Admissions.....	(800) 366-24378 or 438-2181
Athletics	438-3639
Disability Concerns	438-5853
Diversity & Affirmative Action ...	438-3383
Financial Aid.....	438-2231
Graduate School.....	438-2583
Honors Program.....	438-2559
International Studies	438-5365
Office of University Registrar ...	438-2188
Parent Services	438-3753
Parking Services.....	438-8391
Student Affairs	438-5451
University College	438-7604
University Housing Services	438-8611
Veterans Affairs	438-2207

HELPFUL HINTS

Unfortunately not every student who hopes to attend Illinois State is able to enroll, as applications increasingly exceed space availability. For that reason you are encouraged to apply approximately one year in advance.

You also should act promptly if you wish to take full advantage of financial aid opportunities that may be available. To be considered for financial aid you must submit the Free Application for Federal Student Aid (FAFSA) as soon as possible after January 1. Please refer to the section on financial assistance for additional important information.

HOUSING

If you are entering Illinois State as a freshman or as a sophomore transfer student, you will be required to live in a residence hall. The University operates 13 halls with 20 lifestyle options that you will want to explore as you determine what living situation best fits your needs. Please refer to the section on Campus Experience for additional important information.

ORIENTATION

Illinois State offers various orientation programs to help you become quickly acclimated to the campus and classroom. These include Preview, Passages, and Transfer Days.

Designed for freshman students, Preview is held each summer as a way to bridge the gap between high school days and college life. A two-day program for students and their family members or guests, Preview includes placement testing, academic advisement, registration, and orientation sessions to the campus and community. Please contact University College for additional information.

Passages is scheduled as the kickoff to the fall semester. A variety of social activities will help you become better acquainted with your classmates. Please contact Office of Student Life at (309) 438-2151 for additional information.

Offered during the on-campus advance registration periods in the fall and spring, Transfer Days provide admitted transfer students the opportunity to meet with their academic advisor, register in advance for classes, and participate in transfer student orientation. Please contact the office of Admissions for additional information.

POINTERS FOR PARENTS

Illinois State encourages parents to stay actively involved in their child's education and makes available a Parents' Guide that addresses common academic questions, as well as how to deal with everything from homesickness to maintaining strong communication. The guide also explains how parents can provide remembrances to their student on special occasions or during finals week. Please contact Parent Services to obtain a copy of this helpful publication.

As a parent or guardian of an Illinois State student, you are an automatic member of the Illinois State University Parents Association. This organization provides a direct link to the University and sponsors special events, such as the Family Weekend held each fall. Please contact Parent Services for additional information.

UNDERGRADUATE EXPERIENCE

Illinois State University has one of the largest undergraduate programs in Illinois and a distinguished history as the first public institution of higher education in the state. With such a rich heritage, the University has established a long-standing tradition of excellence in undergraduate education. The attention to baccalaureate education is demonstrated repeatedly as the campus community works to implement innovative programs that specifically benefit the undergraduate student.

As an undergraduate you soon will recognize the University is your partner in preparing for your success not only in the classroom but beyond and into the workplace. You will benefit from the invaluable time and expertise shared through individualized faculty attention, as more than 90 percent of undergraduate classes at Illinois State are taught by faculty members.

Fields of Study

The University offers a wide range of bachelor's degree programs available in the following fields of study:

Major and Major/Minor Programs

- Accounting
- Agribusiness
- Agriculture
- Anthropology
- Applied Computer Science
- Art
- Arts and Sciences (General Studies)
- Arts Technology
- Biochemistry/Molecular Biology
- Biological Sciences
- Business Administration
- Business Teacher Education
- Chemistry
- Clinical Laboratory Science
- Criminal Justice Sciences
- Early Childhood Education
- Economics
- Elementary Education
- English
- Environmental Health
- Family and Consumer Sciences
- Finance
- Foreign Languages
 - French
 - German
 - Spanish
- Geography
- Geology
- Health Education
- Health Information Management
- History
- Industrial Technology
- Information Systems

- Insurance
- Interdisciplinary Studies
- International Business
- Management
- Marketing
- Mass Communication
- Mathematics
- Middle Level Teacher Education
- Music
- Music Education
- Music Performance
- Nursing
- Philosophy
- Physical Education
- Physics
- Political Science
- Psychology
- Public Relations
- Recreation and Park Administration
- Safety
- Social Sciences Education
- Social Work
- Sociology
- Special Education
- Speech Communication
- Speech Pathology-Audiology
- Technology Education
- Telecommunications Management
- Theatre

Minor Only Programs

- Cinema Studies
- Cognitive Science
- Community Health Education
- Comparative Literature
- Consumer Education
- Dance
- Disability Studies
- East Asian Studies
- Environmental Studies
- Ethnic and Cultural Studies
- Exercise Fitness
- Foreign Languages in the Elementary School
- Gerontology
- Instructional Media
- International Studies
- Journalism Teacher Education
- Latin
- Latin American Studies
- Legal Studies
- Military Science
- Peace and Conflict Resolution Studies
- Reading
- Religious Studies
- School Health Education
- Teaching English to Speakers of Other Languages
- Tourism Studies
- Urban Studies
- Women's Studies
- Writing

COSTS

ESTIMATED TOTAL YEARLY EXPENSES

Because Illinois State University is a state-supported institution, the cost of attendance is relatively low. The *estimated* total cost of attendance for the 2002-2003 academic year (fall semester and spring semester) is \$12,715 for a student who is an Illinois resident registered for 15 hours each semester and living in a University residence hall. This amount includes \$9,477 for tuition, fees, room and board, and an additional \$3,238 for books and supplies, transportation, and personal expenses. Estimated expenses for married students or students with dependents vary according to family size. Out-of-state residents pay higher tuition charges and normally spend more on travel.

Tuition, fees, and on-campus housing charges are subject to change by action of the Board of Trustees. All other amounts are estimates and are subject to change.

UNDERGRADUATE TUITION AND FEES

Tuition and fee rates for 2002-2003 have been approved as listed in the following section. However, they are subject to change by action of the Board of Trustees. Fees other than health insurance are assessed per semester hour through the first 16 hours. Health insurance is assessed to all students enrolled in nine or more semester hours. Tuition is assessed at per semester hour rates through the first 16 hours. A student who registers for 12 or more semester hours is considered a full-time student.

Rate Schedule 2002-2003

General Fees per semester hour:

General Activity	\$5.23
Athletic and Service	8.84
Bone Student Center	6.00
Recreation/Athletic Facilities	3.49
Redbird Arena	4.83
Health Service	5.83
Student-to-Student Grant	0.37
Grant-in-Aid	0.15
Campus Enhancement	<u>5.83</u>
Total	\$40.57

	Residents	Non-Residents
Tuition:	\$ 115.50	\$ 251.00
(per hour)		
Tuition Supplement:	\$ 2.50	\$ 2.50
(per hour)		
Fees:	\$ 40.57	\$ 40.57
(per hour)		
Health Insurance:		
(9 or more sem hrs)	\$ 86.00	\$ 86.00
Examples:		
3 semester hours	\$ 475.71	\$ 882.21
6 sem hrs	951.42	1764.42
9 sem hrs	1513.13	2732.63
12 sem hrs	1988.84	3614.84
16 or more sem hrs	2623.12	4791.12

Special Fees:

Registration Installment Fee	\$25
Bachelor's Degree Graduation Fee	\$20
Late Registration Fee	\$25
Late Payment Fee (after scheduled dates)	\$10

Audit Costs: Students taking only audit courses (courses without credit) are charged tuition at the rates shown above to a maximum of 16 hours.

Residents and Non-Residents: An applicant or enrolled student is classified either as a resident of Illinois, a non-resident, or a foreign student. Residency for tuition purposes is different from residency for voting, taxing purposes, or residency requirements of on-campus doctoral programs.

A student must be a U.S. citizen or have been approved for U.S. Permanent Resident status in order to be considered as an Illinois resident. An individual's residency status is based on information from the admission application. A student who is not a resident of Illinois pays the non-resident tuition fee as indicated. All other fees are the same for non-residents. A student under 18 years of age is considered a non-resident if the student's parents are not legal residents of Illinois. A student over 18 years of age is considered a non-resident if the student is not a legal resident of Illinois. Personnel within Academic Records and Course Registration Services are responsible for determining residency. Tuition and fees are subject to change by action of the Board of Trustees and the General Assembly.

Transcripts: Transcripts are issued only after all student financial obligations have been met. Students should make a written, signed request to Academic Records and Registration Services, Campus Box 2207, Normal, IL 61790-2207. A \$6.00 charge (fee subject to change) is made for each official transcript. Requests should include identification number, birthdate, and complete address, including zip code, to which the transcript is to be sent. When possible, transcript requests are processed within five working days.

Materials Charges: A materials charge is an optional fee charged to a student for consumable materials used in a course. A student may supply his or her own material and submit a written request to the instructor to waive the charge. Courses with material charges are listed in the *Undergraduate Catalog*, *Graduate Catalog*, and *Class Registration Directory*.

Reduction of Tuition and Fees Policy: A registered student who officially withdraws from the University may receive a reduction of tuition and fees, including any advance deposit according to the following schedule:

1. If withdrawal is prior to the first regularly scheduled class day, all tuition and fees are deleted.
2. If withdrawal is within the first 15 calendar days after the first regularly scheduled class day, all tuition and fees minus a service charge of \$30 are refunded.
3. If withdrawal is after the 15th calendar day but within the sixty percent point in time of the period of enrollment—a refund equal to the portion of the period of enrollment remaining, rounded downward to the nearest ten percent, less an administrative fee not to exceed the lesser of five percent of the initial tuition, fees, and other charges assessed the student or \$100.
4. If withdrawal is after the sixty percent point in time of the period of enrollment—no refund shall be made.

The University may designate shorter refund periods for summer session, special courses, and short courses.

All notifications of withdrawal or cancellation and requests for refunds must be in writing and addressed to Academic Records and Registration Services, Illinois State University, Campus Box 2202, Normal, IL 61790-2202.

A student who changes from full- to part-time status or a part-time student who reduces the number of credit hours carried may receive a reduction

of tuition and fees according to the following schedule:

1. If the reduction is on or before the 15th calendar day after the first regularly scheduled class day, all tuition and fees not applicable to the new part-time status are reduced. A service charge is not applicable to a student who changes from full-time to part-time status.
2. If the reduction is after the 15th but no later than the 30th calendar day after the first regularly scheduled class day, 25 percent of the difference in tuition charge only is reduced.

A student may receive a refund of insurance fees if the student demonstrates equal or better insurance coverage and completes the written application on or before the 15th calendar day after the first regularly scheduled class day.

A student whose course of study requires absence from campus for the entire term shall, upon proper application, receive refunds of Activity, Health Service, and Athletic fees. The application for the refund must be made to the Registration Office on or before the 15th calendar day after the first regularly scheduled class day.

Part or all of a student's tuition and fees may be refunded because of the student's death or disability, extreme hardship, or institutional error.

A student may receive a refund of tuition and fees if a scholarship is awarded that covers those fees. The application for refund must be made no later than 60 days after the close of the session.

A student may receive a refund of tuition and fees if the University declares him or her ineligible for enrolled status prior to the first day of regularly scheduled class.

The statement of the refund policy for University housing is a part of the housing contract. Information on the refund policy may be obtained from the Student Accounts Office.

Students or parents who believe that individual circumstances warrant exceptions from published policy may appeal to the Associate Vice President for Student Affairs by calling (309) 438-5451.

Housing Costs: The room and board rate in the residence halls for the 2002-2003 academic year is \$4,548 for multiple occupancy and basic meal plan. A limited number of singles and super singles are available at an additional cost. Two apartment complexes are available for qualifying upper-class, married, graduate, and family students. Rental rates for 2002-2003 range from \$266 to \$378 per month. For further information, contact University Housing Services.

FINANCIAL ASSISTANCE

Between 70 and 75 percent of all students who attend the University receive some sort of financial aid in the form of loans, scholarships, tuition waivers, grants and employment. In addition to funds received through aid programs, Illinois State students have established a strong tradition of seeking employment to help cover expenses.

Students interested in making application for financial assistance should contact the Financial Aid Office, which annually administers and coordinates the more than 88 million dollars provided to students.

FINANCIAL AID OFFICE

231 Fell Hall, (309) 438-2231
www.fao.ilstu.edu

All students are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA). This process will determine your eligibility for state, federal and institutional financial aid, including student loans.

General Information

Financial aid counselors are available Monday through Friday from 8 a.m. to 4:30 p.m. for telephone service, walk-in service and appointments when the University is in session. In addition, you may access information at www.fao.ilstu.edu, the Web site for the Financial Aid Office. Information on the Web site includes:

- Office hours, phone number and location; information concerning the application process, cost of attendance and aid programs available to students;
- FAFSA on the Web, which allows you to file the Free Application for Federal Student Aid electronically;
- Financial Aid forms and worksheets available to download;
- Scholarship search engines;
- Important dates for your calendar;
- A link to Illinois State's *Student Information Access System* (SIAS) so that you can check the status and progress of your aid application after being admitted to Illinois State. SIAS also allows you to access information from Student Accounts concerning your bill and

refund release. In addition, you can verify and/or update your address information on file with the Office of the University Registrar;

- STAR+, (309) 438-7827. You will use a PIN number issued by the University to access your information. Contact the Office of the University Registrar for assistance;
- Entrance and Exit Loan Counseling;
- The Student Guide - financial aid information from the U. S. Department of Education;
- Commonly asked questions and answers

Using email at askfao@ilstu.edu is another way to contact the Financial Aid office. You will receive a response within two business days.

Institutional and Financial Assistance Information for Students

The law (the Higher Education Act of 1965, as amended, and regulation 34 CFR 668) requires Illinois State University to notify enrolled students and the parents of dependent enrolled students annually of the availability of the following information:

- your rights under the Family Education Rights and Privacy Act;
- your right to a deferment of repayment of your Federal Direct Loan for Peace Corps or volunteer service;
- financial aid available at Illinois State University;
- information about Illinois State University;
- the graduation rate of degree-seeking, full-time undergraduate students at Illinois State University;
- an annual campus security report; and,
- a report on athletic program participation and financial support data.

General Eligibility Criteria

To qualify for federal or state financial aid programs, you must:

1. Be a United States citizen or have resident alien status;

2. Complete and submit the Free Application for Federal Student Aid (FAFSA) to the federal processor either on paper or on line;
3. Be enrolled for a minimum of 6 hours (half-time status) per semester. (Students not pursuing a degree or unclassified students are not eligible for financial aid, including loans); not be in default on a Perkins Loan or any guaranteed/federally insured loan (GSL, PLUS, ALAS, SLS) approved by a guaranty agency;
4. Not owe a repayment to a federal grant program;
5. Make satisfactory progress toward a degree as defined by Illinois State University (See Degree Requirements); and
6. Be registered with Selective Service, if you are a male at least 18 years of age, born after 1959, and not currently an active member of the U.S. Armed Forces.

NOTE: A student may not receive federal or state financial aid from more than one institution at the same time.

APPLICATION PROCEDURES

To be considered for financial aid at Illinois State University, you must complete and submit the Free Application for Federal Student Aid (FAFSA), or the Renewal FAFSA, as soon after January 1 as possible. To be considered for all types of financial aid, the federal processor (not Illinois State) must receive your application by March 1, the priority filing date.

You are encouraged to use FAFSA on the Web (www.fafsa.ed.gov/). If you prefer, you may obtain the paper FAFSA at any high school guidance office or college financial aid office.

The Renewal FAFSA will be sent to you from the Department of Education if you applied for financial aid for the preceding award year. If you do not receive a Renewal Application by the end of December, use FAFSA on the Web, or the paper FAFSA. In order to meet the priority filing date, you should file your application by the middle of February. If necessary, use estimated income information. Complete only one application.

The income and asset information provided on the FAFSA determines your financial aid eligibility. Be sure to use Illinois State's Title IV school code: 001692. There is no separate institutional application for financial aid at Illinois State. You will need to submit an additional application for summer aid (see Financial Aid for Summer Session).

No more than four weeks after you submit your federal application (FAFSA), you will receive your student aid report (SAR). Because your data from the FAFSA determines eligibility for your financial aid, including loans, you need to examine your SAR for accuracy. Corrections can be made to your SAR data, either on paper or on-line. Corrections must be sent to the federal processor.

Financial Aid for the Summer Session: If you are enrolled for at least six hours of coursework, you may apply for financial aid. Application forms for the Summer Session are available by the mid-point of the spring semester.

Data from your FAFSA will be used to determine your eligibility for aid for the summer session. Aid funds for the summer session are very limited. Direct loan funds are available only if you have remaining loan eligibility for your class level.

Institutional Quality Assurance Program (IQAP): Illinois State University is a participant in this initiative of the U.S. Department of Education to produce higher quality in the administration of financial aid. If your application is selected, you may be required to provide additional documentation to verify your FAFSA data.

FEDERAL GRANTS AND BENEFITS

Federal grants and benefits are considered "gift aid," and do not need to be repaid. Grants commonly received by Illinois State students are:

Federal Pell Grant: Eligibility is determined by information provided on your FAFSA and is based on the calculated expected family contribution (EFC) listed on your Student Aid Report.

Federal Supplemental Educational Opportunity Grant (FSEOG): This grant is awarded to students with exceptional financial need. At Illinois State, the award historically has been \$1,000 per academic year. You must be enrolled for a minimum of six hours per semester to receive this grant.

Department of Rehabilitation Services: Public Law 113 mandates federal and state governments to provide rehabilitation services to anyone with a disability the opportunity to pursue post-secondary education. This grant is applied to tuition, fees, and/or maintenance costs. For more information or assistance in the application process, Illinois State students with a disability should contact the Department of Rehabilitation Services; 604 Dale St., Suite A; Normal, IL 61761.

Veterans' G.I. Bill: Students who have served in the U.S. Armed Forces should contact the Illinois State University Veterans' Services Office, 112 Moulton Hall, for additional details.

Survivors' and Dependents' G.I. Bill: Survivors (spouse and/or children) of veterans, whose deaths or permanent, total disabilities occurred during service, may be eligible for benefits if the veteran served since the Spanish-American War. Children of veterans missing-in-action or prisoners of war for more than 90 days are also eligible for this benefit. For details, contact the Illinois State University Veterans' Affairs Office.

STATE SCHOLARSHIPS AND GRANTS

Your eligibility for the following programs is based on data from your annual federal financial aid application (FAFSA). You and/or your parents must meet residency requirements based on FAFSA data and regulations from the Illinois Student Assistance Commission (ISAC).

Illinois Student Assistance Commission Monetary Award Program (ISAC MAP Grant): If you are enrolled for at least six hours of coursework, meet residency requirements, and have eligibility for this award based on FAFSA data, this grant will be applied directly to your tuition and fees charges.

Illinois Incentive for Access (IIA) Grant: You are eligible for this \$500 grant if you are classified as a freshman, a resident of Illinois, and your expected family contribution (EPC) is zero (0). This grant is for one academic year and can be used for any educational expense.

Arthur Quern Information Technology Grant: You are eligible for this grant if you are an Illinois resident enrolled as at least a half-time student in an eligible program of undergraduate information technology-related study. Applications are available from ISAC or from the Illinois State University Financial Aid Office.

Illinois National Guard Grant: If you are an active member of the Illinois National Guard (Army or Air) you may have eligibility for this grant. In order to receive this grant, you must be enrolled at an ISAC-approved Illinois public community college or a four-year college or university; be registered for Selective Service (if you are male); not be in default of any student loan nor owe a repayment of any state or federal grant; and maintain an acceptable grade point average (GPA) determined by the institution.

You must be enrolled for at least one hour of coursework and apply annually to the Illinois Student Assistance Commission, meeting the stated application deadline. If you are eligible, this grant will be applied to your tuition and partial fee charges. Applications may be obtained from the Financial Aid Office or from the Illinois Student Assistance Commission at 1-800-899-ISAC.

Illinois Veteran Grant (IVG): If you served in the Armed Forces for at least one year and did not receive a dishonorable discharge, you may qualify for the Illinois Veteran Grant. In addition to residing in Illinois for at least six months before entering the service, you must return to Illinois within six months after your discharge.

You may obtain your one-time application from the Illinois Student Assistance Commission at 1-800-899-ISAC, or from the Financial Aid Office. You must meet the application deadline and provide a copy of your DD 214 to ISAC with your application. In addition, you must submit a copy of your DD 214 to both the Financial Aid Office and the Veterans' Services Office at Illinois State.

When your application is determined "eligible" by ISAC, you will be sent an eligibility letter. The original letter must be submitted to the Financial Aid Office in order for the grant to be active. Your IVG will credit your tuition charges as well as partial fee charges.

State of Illinois ROTC Scholarship: You may apply for this scholarship through the Military Science Department if you are a full-time student enrolled in a Military Science course. This competitive award will credit all tuition charges as well as the general activity fee. You would be responsible for the remainder of your fee charges. You would be able to retain this scholarship for up to eight semesters as long as criteria are met. Freshmen and sophomore may use this scholarship without incurring a military service obligation.

Consult the Illinois Student Aid Commission Web site, www.isac1.org, or call 1-800-899-ISAC to obtain additional information about the following scholarships including how to apply and application deadlines.

State Special Education Scholarships: To be eligible, you must be a U.S. citizen or an eligible non-citizen residing in Illinois who is ranked in the upper half of your Illinois high school graduating class, and meet application deadline. In addition, you must be enrolled in a special education program at one of the twelve public four-year post-secondary institutions in Illinois after taking the ACT or SAT college admissions exam.

DeBolt Teacher Shortage Scholarship: To be eligible you must be a U.S. citizen or an eligible non-citizen, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan or owe a refund on any state or federal grant. In addition, you must be enrolled at least half-time at the sophomore level or above as an undergraduate or graduate student and must be pursuing a post-secondary course of study leading to initial certification in a teacher shortage discipline or pursuing additional course work needed to gain Illinois State Board of Education approval to teach in an approved specialized area in which a teacher shortage exists. **The shortage areas are determined each year by the state and are subject to change each year.** You must also file the Free Application for Federal Student Aid to be considered for this scholarship.

Minority Teachers of Illinois Scholarship: To be eligible you must be a minority student, a U.S. citizen or permanent resident of the United States, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan nor owe a refund on any state or federal grant. In addition, you must be enrolled full-time at the sophomore level or above as an undergraduate and be enrolled or accepted for enrollment in a course of study which, upon completion, qualifies the student to be certified as a preschool, elementary or secondary school teacher by the Illinois State Board of Education. The student must also not hold a baccalaureate degree, must maintain a cumulative grade point average of no less than 2.5 on a 4.0 scale, and maintain satisfactory progress as determined by the institution.

If you are awarded a State Special Education Scholarship, you are not eligible for the Minority Teachers of Illinois Scholarship or DeBolt Teacher Shortage Scholarship. If you receive the State Special Education Scholarship, DeBolt Teacher Shortage Scholarship, or Minority Teachers of Illinois Scholarship, you must fulfill a full-time teaching commitment for one year for each year of scholarship aid received or for any portion of a year for which aid was received. You may meet this condition by teaching in any recognized public, private or parochial school in Illinois. For the Minority Teachers of Illinois Scholarship, no less than 30% of the enrolled students must be minority, as certified by the Illinois Board of Education. If the commitment is not met, the amount of the scholarship converts to a loan.

Merit Recognition Scholarship (MRS): If you are in the top 2.5% of your Illinois high school senior class, a U.S. citizen or eligible non-citizen and a resident of Illinois, you will be nominated by your high school to ISAC, which will send you an application. Be sure you follow the directions and meet the application deadline. In order to receive this scholarship, you must attend an ISAC-approved post-secondary institution in Illinois or one of the U. S. Military Academies. This scholarship is subject to funding by the Illinois General Assembly.

General Assembly Scholarships: You should contact your State Senator or State Representative to be considered for this scholarship. Your tuition and general activity fees are credited by this scholarship. Typically, you will receive this scholarship for one academic year.

University Employee Dependent Partial Tuition Waiver: If you are under the age of 25 and your parent is employed at Illinois State, Northern Illinois, Chicago State, Eastern Illinois, Governors State, Western Illinois, or Northeastern Illinois University, or campuses of the University of Illinois, or Southern Illinois University, you may be eligible for this tuition waiver. Your parent should contact the Human Resources Office at the university where he or she is employed for the application and specific employment requirements.

PRIVATE SCHOLARSHIPS

Many students utilize private scholarships to supplement their financial aid award package. You may also contact clubs, foundations, organizations, corporations and churches from your hometown for scholarships. The scholarship donor determines the eligibility criteria. You are encouraged to use the ISU Scholarship Search on the Financial Aid Office home page at www.fao.ilstu.edu or the Illinois Student Assistance Commission's Higher-EdNet searches. Avoid search services or "consultants" who charge a significant fee and/or promise positive results.

ISU MERIT-BASED SCHOLARSHIPS

Merit-based scholarships are awarded by the University Scholarship Committee to entering freshmen. There is one application form for the Presidential, Provost, and Dean's merit-based scholarships. Other merit-based scholarships have separate application processes.

Candidates for merit scholarships for freshmen must submit their applications early in January, not later than the date specified on the

application form for these scholarships. For more information about merit scholarships for freshmen and for an application, please contact the University Scholarship Committee, Illinois State University, Campus Box 4900, Normal, IL 61790-4900. (Visit the Undergraduate Studies Web site at www.undergrad-studies.ilstu.edu.)

Presidential Scholarships: Presidential Scholarships are available for new freshmen. See the Honors Program section of this *Undergraduate Catalog* for details.

Provost's Scholarships: Provost Scholarships are available for new freshmen. See the Honors Program section of this *Undergraduate Catalog* for details.

Deans' Scholarships: The Deans' Scholarship is a one-year monetary award of \$1,000. Within each of the six colleges (Applied Science and Technology, Arts and Sciences, Business, Education, Fine Arts, and Mennonite College of Nursing), at least two Deans' Scholarships are awarded annually to freshmen. The scholarship is based on academic merit and potential for outstanding achievement at the University. Generally, Deans' Scholar applicants rank in the top 10 percent of their high school classes and receive minimum composite ACT scores in the mid to upper 20s.

Merit-based Minority Academic Scholarships, Community College Foundation Scholarships, and Trustee's Tuition Waivers have the following application procedures:

Minority Academic Scholarship: The Minority Academic Scholarship is available to academically talented underrepresented students (African-American, Hispanic, or Native American freshmen students who are U.S. citizens). The Minority Academic Scholarship is a \$5,000 award annually renewable for up to four academic years contingent on the student's maintenance of a 2.75 cumulative GPA. In addition, recipients are strongly encouraged to participate in the CONNECTIONS learning community program, as well as the University's mentoring program.

To be eligible for the scholarship, applicants must receive a minimum ACT composite score of 20 or SAT composite score of 940 and earn a 3.00 cumulative high school GPA. To apply for this scholarship, submit a completed admissions application and scholarship application by the scholarship deadline, as specified in the University Scholarship program announcement,

to the University Scholarship Committee, Illinois State University, Campus Box 4900, Normal, IL 61790-4900.

Community College Transfer Scholarship Program: This program provides an opportunity for community college transfer students to compete for 10 awards valued at \$3,000 each (\$750 per semester for two years). One award is designated for a member of Phi Theta Kappa. The awards are based on academic merit rather than financial need. Candidates must be first-time students at Illinois State, have a cumulative grade point average of 3.3 on a 4.0 scale, and be completing the Associates in Arts or Associates in Science degree. Application is by invitation only in early March to qualified candidates who have been admitted to the University. For more information, contact the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200.

Trustees' Tuition Waivers: Undergraduate tuition waivers are used to recruit talented students to the University in specific areas listed: the Honors Program, Art, Intercollegiate Athletics, International Studies, Music, and Theatre.

Academic Scholarship Programs: Some academic departments offer scholarships to continuing students based on academic achievement. Your major or minor is used for eligibility. You can explore the availability of these scholarships by visiting the Scholarship Search link from the Financial Aid Office home page at www.fao.ilstu.edu.

LOANS

Federal Direct Student Loan Program: You must complete the Free Application for Federal Student Aid (FAFSA) to receive a loan. The Financial Aid Office will determine your eligibility for all other aid programs prior to processing your loan. Because Illinois State is a participant in the Federal Direct Loan program, a loan application from a bank or other lender is not required.

There are two kinds of direct loans: subsidized and unsubsidized. If you are eligible for the subsidized loan based on financial need, the interest on the loan is paid for you as long as you are enrolled half-time (a minimum of 6 hours per semester). The unsubsidized loan is not based on financial need and requires that you make quarterly interest payments on the loan while you are enrolled. If you choose to defer payments while you are in school, the interest will be added to the principal of your loan (capitalized).

After your loan is processed, you will receive an award letter and two copies of the promissory note. Read the note carefully. This loan has a variable interest rate tied to the 91-day U.S. Treasury bill rate, adjusted annually and capped at 8.25%. Before loan proceeds can be credited to your account, one copy of each document must be returned to the Financial Aid Office. The other copy is for your files.

Because of its status as a direct lender, Illinois State will receive loan proceeds directly from the U. S. Department of Education. Your loan proceeds will be applied to your university charges.

Loan Counseling: Students who are first-time direct loan borrowers are required to attend Federal Direct Loan entrance loan counseling before loan proceeds are credited to the student's account. You may meet this requirement by completing loan entrance counseling on the Web at www.ed.gov/DirectLoan/counsel/index.htm.

If you attended entrance counseling at another school, you must sign a statement verifying that you previously met the requirement. The purpose of entrance counseling is to emphasize your responsibilities and rights as a borrower.

Exit Information: Before you graduate, or if your enrollment status drops below 6 hours per semester, you will be sent information concerning Direct Loan exit counseling, which outlines loan repayment, consolidation, and deferment options. You may also get this information from the Exit Counseling link from the Financial Aid Office Web site, www.fao.ilstu.edu. Repayment of your Direct Loan begins six months after you leave the University or drop below half-time status.

Federal Perkins Loan: The Federal Perkins Loan program is for students enrolled at least half-time in a degree program and gives priority to those students with exceptional financial need. For new borrowers after July 1, 1987, repayment and interest begins nine months after the student graduates, leaves school, or drops below half-time. The cumulative loan limit is \$15,000 for undergraduates and \$30,000 for graduate students. The interest rate is five percent. These funds are awarded on a first-come basis to qualified applicants.

Nursing Student Loan: Students enrolled at least half-time in the Nursing Program and who demonstrate need by filling the FAFSA are eligible for a Nursing Student Loan. The cumulative loan limit is \$13,000 and repayment begins 9

months after the student ceases to be enrolled at least half-time. Interest during repayment includes 5% interest and the maximum repayment period is 10 years.

Federal Direct PLUS Loan: Parents of dependent students may apply for the Parent Loan for Undergraduate Students (PLUS); application forms are available upon request from the Financial Aid Office. A parent may borrow up to the cost of attendance less any other financial aid the student is receiving. If a parent chooses to apply only for the PLUS Loan, the student is not required to submit the FAFSA.

FINANCIAL AID DISBURSEMENT

If the amount of financial aid exceeds charges, you will receive a refund of the balance. Refund checks are mailed from the Student Accounts Office throughout the academic year for aid in excess of amounts owed the University. You should be prepared to buy books and have "start up" funds for the beginning of the semester.

It is important to keep your local and permanent address information current with the Office of the University Registrar. University offices use this information to contact you: i.e., the Student Accounts Office will use your local address to send a refund check to you. If there is no local address on file with the Registrar, correspondence will be sent to your permanent home address.

You may update your address in person at the Office of the University Registrar or by using the Student Information Access System (SIAS). The SIAS utility may be reached through a link from the Financial Aid Office Web site, www.fao.ilstu.edu.

SATISFACTORY ACADEMIC PROGRESS

All students who receive federal and state financial aid must meet federal and institutional standards for academic progress in order to establish and retain aid eligibility. Students receiving athletic or other university administered awards must also meet the satisfactory academic progress standards that have been established by the awarding entity.

Academic progress for federal and state financial aid programs is based on three measures: cumulative grade-point average, completion rate based on credit hours completed compared to credit hours attempted, and a maximum time frame for degree completion. The following describes the

university's standards for each of these three measures, and when these standards are reviewed:

Cumulative Grade-Point Average:

Undergraduate students must maintain a minimum cumulative GPA of 2.0 based on credits earned at Illinois State University. The first time a student's GPA is below 2.0, the student is placed on Academic Probation and continues to be eligible to receive financial aid. If the student does not raise the GPA to 2.0 in the following semester of attendance, or the GPA falls below 2.0 in a subsequent semester, the student is Academically Dismissed and loses financial aid eligibility.

Completion Rate: All students are required to complete a minimum of 67% of the credit hours attempted at Illinois State University. Courses with a grade of "D" or higher, as well as "CR" or "CT", count as completed. Credit hours attempted includes audits, incompletes, withdrawals, and repeated or failed classes.

Maximum Time frame: The maximum time frame for the completion of a degree is limited by federal regulations to 150% of the published length of the degree program. This is equivalent to a maximum number of credit hours that includes transfer credits and all attempted credits at Illinois State University. Credit hours attempted include audits, incompletes, withdrawals, and repeated or failed classes. The maximum number of credit hours for which a student is eligible to receive financial aid is 180. Up to 30 hours of required remedial/developmental courses are excluded from the maximum time frame.

Review of Progress Standards:

- A. *Cumulative GPA* is reviewed at the end of each fall and spring semester, and at the end of the summer sessions for both financial aid eligibility and for continued enrollment at Illinois State University.
- B. *Completion rate* is reviewed annually at the end of each spring semester. However, students who are below the required 67% at the end of the fall semester and/or summer terms will be sent a warning letter.
- C. *Maximum time frame* is reviewed at the end of each fall and spring semester, and at the end of the summer sessions.

Notification/Appeals: Students whose financial aid eligibility is suspended as a result of failure to meet one or more of the above standards of academic progress will be sent a letter from the

Financial Aid Office including instructions for writing a petition for reinstatement. The petition must include a statement giving reasons for failure to achieve good academic standing and must be submitted by the tenth day of the following period of enrollment. The Petition is reviewed by the Reinstatement Committee in Undergraduate Studies. For the Completion Rate standard, students can also restore aid eligibility by earning enough additional hours to meet the 67% requirement.

WITHDRAWAL FROM CLASSES

If you decide to withdraw from classes, you must provide a written notice of your intention to the Office of the University Registrar. The date you provide this notice is considered your withdrawal date. Your withdrawal date will be used in the calculation of repayments or refunds.

Repayments and Refunds

If you officially withdraw from the University by submitting a written notice to the Registrar, you may receive a reduction of tuition, fees, and room and board charges based on the date of your withdrawal. The later in the semester you withdraw, the greater the percentage of charges for which you are responsible. The University's Withdrawal/Refund policy is provided in the Class Registration Directory published for each enrollment period by the Office of the University Registrar.

The Higher Education Amendments of 1998 established the concept that federal financial aid must be earned through class attendance. A student has not earned 100% of his/her financial aid until he/she has attended more than 60% of the term. If a financial aid recipient withdraws on or before the 60% point of the term, there is a portion of the aid that has not been earned. The unearned portion of the aid is equal to the percentage of the term remaining at the point of withdrawal and must be returned to the Department of Education. The unearned portion is repaid by both the student and the school based on a federal formula. The student is responsible for paying any charges not covered by the amount of aid earned. Students who withdraw through the 60% point of the term are subject to receiving a bill indicating how much they owe the university after federal aid is re-calculated.

CONFIDENTIALITY AND THE RELEASE OF INFORMATION

The Financial Aid Office will release information from your financial aid application file to

parties within the University if their inquiry is related to your attendance at Illinois State. Inquiries from off-campus agencies and/or landlords will be answered by Financial Aid Office staff only if you have completed and signed a "Consent to Release Information" form from the Financial Aid Office. To protect the confidentiality of your records, the Financial Aid Office will require proper identification from the requesting party before releasing any of your information. Appropriate documentation of any release of information will be placed in your financial aid file.

STUDENT EMPLOYMENT

Students enrolled for six or more semester hours may work part-time at Illinois State University. Eligible student employees usually work 10 to 15 hours per week while classes are in session. Students working at Illinois State University earn from \$5.15 to \$8.40 per hour. This pay range is subject to change by action of the federal government, the state, or the institution.

Federal Work-Study Program: This federally sponsored program enables students with demonstrated financial need to earn a portion of their expenses while they are enrolled at Illinois State. To be initially awarded Federal Work-Study the applicant must indicate an interest in "work-study" on the FAFSA and demonstrate need. The federal government pays 70 percent of a Work-Study student's earnings, while the employer pays the balance. A student employed 10-15 hours per week can expect to earn between \$1,200 and \$1,800 a year. Work-Study students find work on-campus (food service, library, Bone Student Center, departmental offices) or in non-profit, off-campus agencies (hospitals, youth centers, counties, cities, elementary or secondary schools). In addition to the typical jobs, students will have the opportunity to do community service in areas such as social service, public safety, recreation, support for students with disabilities, and mentoring activities. Another Federal Work-

Study program is the "America Reads" initiative in which students are employed to assist with reading skills in local elementary schools.

Students go directly to the employer for an interview and, if hired, must complete state and federal withholding tax forms in the Payroll Office, 101 Hovey Hall. Work-Study employers also must complete and return a Student Employment Form and an INS Form I-9 to the Student Employment Office in Student and Alumni Placement Services (110 Student Services Building). The student is not permitted to earn more than the Work-Study eligibility determined by federal regulations.

Regular Student Employment: Those students who desire to work on or off campus may seek part-time employment with the University or off campus. These jobs generally pay the minimum wage. Hours vary, and may be less flexible than Federal Work-Study positions.

Finding a Job: Part-time job openings are accessible through the Student Employment Office Web site (www.eRecruiting.com). From this Web site, select Illinois State University, login (as "visitor" if not assigned a user name and password), select jobs, and do a search of part-time jobs. Postings are year round. If you are interested in working on campus, you may also contact individual University offices directly to inquire about employment opportunities.

VETERANS SERVICES

112 Moulton Hall, (309) 438-2207

This office assists student-veterans and certain dependents on matters relating to educational benefits and payments. For more information, the student should contact the Office of Veterans Affairs. Public service hours are from 9 a.m. to 12 noon and from 1 p.m. to 4 p.m. Monday through Friday.



CAMPUS EXPERIENCE

Classroom experiences and studying are only a part of the collegiate experience at Illinois State University, where there are many opportunities to make social connections and select lifestyle preferences in a number of residence halls.

At Illinois State you will be encouraged to think of the entire campus environment as a laboratory for learning about life and living. Involvement in the University community develops leadership, enhances the quality of campus life, and fosters respect and appreciation for individual, cultural, and community diversity.

Illinois State makes available avenues for you to test your interests and hone your skills through more than 250 student organizations that provide recreational, entertainment, social, departmental, religious, and general interest activities.

Campus Living

UNIVERSITY HOUSING SERVICES

Residential Life Building, (309) 438-8611
TDD (309) 438-8177

Students with disabilities are requested to contact the Director of Disability Concerns, 350 Fell Hall at (309) 438-5853—Voice, (309) 438-8620—TDD.

RESIDENCE HALLS

The University owns and operates 13 residence halls, providing living accommodations for approximately 7,300 students. These facilities include spaces accessible to students with disabilities. The residence halls have been designed to provide not only basic living requirements, but also counseling, advisement, educational, and curricular programs. The University regards residence hall living as an important part of university life and requires that certain students reside in the residence halls as a condition of enrollment.

Professional staff, aided by undergraduate Resident Assistants, are responsible for educational programs, policies, and facilities within the residence halls.

In the spring, residence hall applications will automatically be mailed to students who have been admitted to the University for the 2002-2003 academic year. Room assignments are made after

consideration of each student's preference, not only of location, but also of living style.

The room and board rate in the residence halls for the 2002-2003 academic year is \$4,548 for multiple occupancy and basic meal plan. Students have two meal plans from which to choose. A limited number of single and super single rooms are available at an additional cost. Hamilton-Whitten and Atkin-Colby Halls remain open during all university breaks during the academic year. All students assigned to those halls are required to pay an additional \$70 non-refundable charge above and beyond the basic room rate for that service. A \$50 security deposit is required that is retained until the final period of occupancy; additionally, a \$50 application and processing fee is assessed. Students may elect to pay each semester's room and board charges in one lump sum or in installments. There is a \$30 service charge for the installment plan. Students are expected to furnish linens, towels, blankets, pillows, bedspreads, and waste baskets.

University On-Campus Housing Policy:

Entering freshmen who have not previously attended this University must reside in University-operated residence halls for their first four semesters. Students transferring to this University as sophomores (as classified by the Office of Admissions) must reside in University-operated residence halls for their first two semesters. These policies are applicable to all students insofar as space is available in University residence halls. Residence hall living for two summer sessions is equivalent to one semester.

The University may make exemptions for certain categories of students based upon guidelines related to marital status, proximity of home to campus, age, and other pertinent factors. Special consideration also will be given to applications for exemption received prior to August 1 from sophomore students who are members of fraternities or sororities who will be residing in their organization's official house. Those fraternities and sororities must be members of Interfraternity Council Panhellenic Association and National Panhellenic Council, Inc. If students wish to appeal a decision concerning their petition for an exemption to the University On-Campus Housing Agreement, they may obtain information on the appeals procedure from the University Housing Services, (309) 438-8611.

APARTMENT LIVING

Two University-owned apartment complexes provide residents with an environment conducive to both personal and academic growth. Qualifying upper-class, married, family, and graduate students are eligible to reside in these units.

There are 292 unfurnished apartments in the two complexes, Cardinal Court and 300 Shelbourne Drive, offering residents a quiet environment, community atmosphere, excellent maintenance service, spacious grounds, and good proximity to academic buildings. Rental rates for 2002-2003 range from \$266 to \$378 per month. Water service is provided by the University; all other utilities are paid by the resident. A \$150 security deposit is required and is held until after occupancy is terminated. For additional information and an application contact the University Housing Services Office.

Off-Campus Housing: The University does not participate in housing contracts issued to students renting space in private housing and does not participate in the inspection of any off-campus housing.

Campus Opportunities

RECREATION SERVICES AND UNIVERSITY GOLF COURSE

Student Recreation Building, Beech and Willow, (309) 438-PLAY

The OUTDOOR Store, 220 N. Main, (309) 438-8419
University Golf Course, Gregory Street, (309) 438-8065

Recreation Services and University Golf Course encourages personal enrichment by providing a variety of leisure experiences and recreational opportunities. For semester program information consult the Department's *RecInfo Guide* published to provide a comprehensive guide to the many services, programs, facilities and events provided by the department or check our Web pages at www.rec.ilstu.edu.

The department operates three facilities. The Student Recreation Building features open recreation areas for racquetball, basketball, walk/jog, sand volleyball, a juice bar, and locker rooms. In addition, the Weights Plus program consisting of cardiovascular, circuit training and free weight equipment operates in this facility. Student memberships for Weights Plus and Group Fitness are available for purchase and can be combined. The department's administrative offices are located on the second level of the building.

The University Golf Course is a par 71, 18-hole course. The recently renovated Golf Course features a new irrigation system, rebuilt greens with bent grass fairways and tees along with a fully stocked pro shop, snack bar, and cart and club rentals. Student daily, semester, and season passes are available.

The Outdoor Adventure Center houses the OUTDOOR Store equipment rental which offers a wide assortment of outdoor equipment with discounted rental rates to Illinois State University students. The Outdoor Adventure Library is located in this facility.

In addition, the department offers programs of Group Fitness providing a variety of aerobic classes with student memberships available for purchase. Gym and Swim in McCormick Hall provides on-campus recreational activities with only a valid Illinois State University ID; RecSports has an action-packed intramural sports schedule; Adventure Trips provides opportunities to canoe, camp, raft, and more; Leisure U. offers non-credit classes for skydiving, pottery, yoga, swing dance, and more; and Environmental Discovery provides presentations on world health.

For more opportunities, the department offers student employment positions in a variety of programs and has advisory committees that meet throughout the year. Members of the advisory committees work with the unit to provide the best in programs and services. New members are welcome.

STUDENT LIFE

387 Student Services Building
voice (309) 438-2151, TDD (309) 438-2762
www.ilstu.edu/depts/studentlife

The Office of Student Life primarily is concerned with encouraging the total development of students at Illinois State by coordinating and promoting educational, recreational, social, cultural and entertainment programs that create opportunities for out-of-classroom interaction and individual growth. Through the Office's professional staff and with the involvement of University faculty and staff, advisement and support are offered to all registered student organizations. The University recognizes the role organized activities serve in creating educational experiences for students. Students are encouraged to participate in programs sponsored by the wide variety of organizations active on campus. Individual and group development is provided by means of a yearlong, comprehensive series of

workshops. In addition to maintaining a relationship with the social sororities and fraternities on campus, the Office coordinates a variety of University-wide activities and performing events through involvement with the entertainment programming organizations. The Office also coordinates the Student Volunteer Center, a campus evening bus service (Nite Ride), services for parents, and orientation programs for freshmen, transfer and graduate students. A description of the many organizations and activities on campus is provided in *The Student Handbook*, available on the University Web site and in alternative formats.

The Student Handbook: *The Student Handbook* is made available to all new and continuing students at Illinois State University through the University Web site. Contained within the *The Student Handbook* are procedures and regulations that are important for students to know and understand. The handbook enumerates students' rights and responsibilities within the University community.

STUDENT CLUBS, ORGANIZATIONS, AND ACTIVITIES

Students' academic interests are complemented by a wide variety of campus cocurricular activities. Students may demonstrate leadership, creativity and initiative through active participation in the following student organizations and activities.

Student Organizations: There are over 250 registered student organizations on the Illinois State University campus. Each organization falls into one of these categories:

- **Departmental:** Organizations in this category provide a cocurricular outlet to socialize with others, develop leadership skills, and learn of new developments in a particular major or minor field.
- **Entertainment:** These organizations provide a wide variety of entertainment for the student body in the form of concerts, movies, speakers, and theme weeks.
- **Ethnic:** These organizations offer students opportunities to explore cultural, social, and service aspects of various ethnic backgrounds.
- **General Interest:** These groups offer students the opportunity to get involved in a wide variety of student activities that are not generally offered in any other category.
- **Honoraries:** These groups promote scholastic excellence and deeper involvement in various academic areas.

- **Political Interest:** Involvement in politics on campus as well as on the local, state and national level is the intent of these groups.
- **Recreation:** Many sport clubs offer opportunities to participate in recreational endeavors. Their purpose is to promote active involvement in a variety of recreation and leisure activities.
- **Religious:** Religious organizations offer students opportunities for spiritual programs. Several religious denominations are represented on campus to satisfy the varied religious needs of the University community.
- **Residence Halls:** Governance of residence hall operations and promotion of cultural ideas are two major endeavors for these groups. They also provide programming, development, and unity within campus residence halls.
- **Service:** These organizations provide service to the campus, community, and national charities through various philanthropic projects and volunteer opportunities.
- **Social Fraternities and Sororities:** These are social organizations that promote the total educational development of the individual through the group concepts of brotherhood and sisterhood. Most of these groups are local chapters of national organizations.

INTERCOLLEGIATE ATHLETICS

213 Redbird Arena, (309) 438-3639

The University competes in eight men's and eleven women's sports. Whether the action is scheduled for Horton Field House, Hancock Stadium, Redbird Arena, or any of the other outdoor facilities, students enjoy joining their peers in cheering the Redbirds on to victory. Students may purchase an All Sport Ticket for only \$35 and receive many benefits such as a free T-shirt, preferred seating, early admission to games, and optional membership in the Red Rage Student Fan Club. Purchase of the All Sport Ticket is as easy as adding it to your tuition bill. The student "RED RAGE" Fan Club allows you to experience the excitement of Redbird Athletics up close and personal! Membership benefits include: priority seating with the Red Rage, T-shirts, pizza parties, bus trips to away games, opportunities to talk to and listen to Redbird student-athletes and coaches and much more. For additional information call (309) 438-3639.

BONE STUDENT CENTER/ BRADEN AUDITORIUM

Information, (309) 438-2222

Bone Student Center provides facilities, programs, and services, primarily for students, that complement the educational goals of the University. Included within the Center are a McDonald's, Pizza Hut, and other restaurants; a bookstore and other merchandising centers; photo copying; ID Card Office; InfoCentre; bus and event ticket sales; automatic teller machines and check cashing; study lounge areas; and multipurpose rooms for student activities and programs. Adjacent to the Center are the Bowling and Billiard Center and a 500-space parking lot.

Braden Auditorium seats 3,457 on three levels. It is an academic and public service facility and an entertainment center for the University and the community.

UNIVERSITY GALLERIES

Center for Visual Arts, (309) 438-5487

Founded in 1973, University Galleries is one of the largest galleries for rotating displays in the state. Devoted to presenting a wide survey of contemporary art, the galleries have received national recognition for its exhibits in the *Village Voice*, the *New York Times*, the *Chicago Tribune*, and the *New Yorker*.

University Galleries is a unit of the College of Fine Arts and is located in the Center for the Visual Arts building. The main focus is creating innovative exhibitions featuring locally, regionally, and nationally known artists working in a variety of mediums, styles, and conceptual approaches. Many of these exhibitions travel to museums in Berlin, London, Dallas, Chicago and other locations world wide. Regularly scheduled exhibitions include Illinois State University faculty, student, and alumni artwork, as well as selections from the permanent collection of over 2,000 twentieth-century paintings, drawings, prints, sculptures, photographs, and objects in glass, metals, wood, fiber, and ceramic. University Galleries publishes illustrated catalogs that are distributed worldwide, and are available at a discount to all students, staff, and faculty.

In addition to exhibitions, University Galleries presents extensive educational programs open to the University and general com-

munity, including artist lectures, panel discussions, workshops, films and videos, guided tours, research and study facilities, informational brochures, classes, and internships. The facilities also are used to host meetings, dance and music events, plays, performances, lectures, readings, and films for a variety of University and community groups.

UNIVERSITY MUSEUMS

The Eyestone School Museum, a renovated 1900 one-room school, is located at Adelaide Street and College Avenue.

The Stevenson Memorial Room, on the first floor of Stevenson Hall, displays memorabilia of the Stevenson family with particular emphasis on Adlai E. Stevenson II.

The President's Gallery, located on the fourth floor of Hovey Hall, features a rotating series of exhibitions highlighting the University's art collections.

PLANETARIUM

**Corner of School Street and College Avenue,
(309) 438-5007**

The Planetarium serves more than 15,000 visitors annually, including grade school and high school students as well as the general public and campus community. More than 250,000 people have visited the planetarium since 1964.

Administered by the Department of Physics, the planetarium is located at the east end of Felmley Hall. This celestial theatre-in-the-round provides a unique environment that is used by astronomy and other University classes. Primary and secondary school students can select from a variety of programs or have special programs tailor-made to suit their specific interests. In addition, regular public shows are scheduled providing a popular form of enriching entertainment. The 30-foot domed structure seats 110 individuals and houses a Spitz A-3P star projector. The star projector and various other multimedia effects are used to recreate the wonders of the universe.

For information about current offerings and arranging special presentations contact the Physics Department office at (309) 438-8756, or access the planetarium's World Wide Web home page at: <http://www.phy.ilstu.edu/planet.html>.

Campus Services

STUDENT HEALTH PROGRAM

Student Health Services: (309) 438-8655

TDD: (309)438-2498

Student Insurance: (309) 438-2515

The Student Health program consists of two components (1) the On-Campus Student Health Service and (2) a comprehensive low-cost Student Health and Accident Insurance Plan that supplements services available through the Student Health Service. All students who register for one or more credit hours and pay a Student Health Service fee, and all graduate students with a tuition waiver who pay a Student Health Service fee are entitled to use all the services at the on-campus Student Health Service for the entire semester or session. **Beginning August 12, 2002 there will be a \$5 Front Door Fee assessed to the user's University account for each visit to the Student Health Service.** Spring semester students who do not plan to attend summer session classes may obtain prepaid summer health care if they pay the appropriate health fee. Enrolled students may purchase Student Health Service access for spouses/domestic partners if they pay the fee. All optional health fees are payable at the Student Health Service.

All students who register for nine or more hours during the fall and spring semesters by the fifteenth calendar day of classes (or for six or more hours by the eighth day of the variable length summer session) and all graduate assistants with tuition waivers are assessed a health insurance premium.

On-Campus Student Health Service: The health clinic is fully accredited by the Accreditation Association for Ambulatory Health Care, Inc. Health services at the clinic are comparable to those offered by most private community physicians. The clinic is staffed by licensed physicians, registered nurse practitioners, physician assistants, and registered nurses. Services available include a medical clinic, Women's Health Clinic, diagnostic laboratory, radiology, pharmacy, allergy injections/immunizations, health promotion programs by health educators, nutrition analysis, etc. Students wanting to use the clinic should call (309) 438-2778 to schedule an appointment and bring their Illinois State Student ID card when checking in.

Complicated illnesses or injuries requiring surgery or long-term care usually will be referred to an outside specialist. New students who have chronic medical conditions such as asthma, diabetes, or epilepsy, which require continuous monitoring and treatment, should retain the services of private physicians for the continuing supervision and management of their condition.

The Health Service staff will furnish supportive care and assist the student's private physician in the student's care if the private physician furnishes written instructions. There are competent medical specialists plus two hospitals in the Bloomington-Normal area that are equipped to handle medical problems should they arise. Information regarding medical services can be obtained by contacting the Student Health Service main reception area in the Student Services Building, or by calling (309) 438-8655.

Student Health and Accident Insurance: The Student Health Insurance Fee provides a health and accident insurance policy intended to meet the needs of students without other insurance or to provide 100 percent coverage for insured expenses by coordinating with a family policy, which offers world-wide coverage. The policy includes a \$1,000,000 maximum, a \$1,000 stop-loss provision designed to provide catastrophic coverage while limiting out-of-pocket expenses, and a \$50 deductible. This deductible is waived if other insurance is also in force. The schedule of benefits includes services for hospital inpatient and outpatient use, including emergencies, surgical and anesthesia fees, physicians' charges, consultation expenses, laboratory and radiology expenses, and ambulance services. A complete schedule of benefits may be obtained from the Office of Student Insurance, Student Services Building.

Student insurance coverage begins the Thursday prior to the first day of regularly scheduled fall and spring classes and 48 hours prior to the summer session. This coverage is terminated on the first day of classes of the next regularly scheduled term. Continuous year-round coverage is available if the student maintains University registration at nine or more hours during the fall and spring semesters and applies for summer coverage at the Student Health Insurance Office prior to the expiration of spring coverage. A summer insurance fee will be assessed in tuition and fees only by registration of six or more credit hours prior to the eighth calendar day of the variable length summer session. An insured student who graduates may purchase one additional term at the group rate by applying prior to commencement. This

policy contains no extension of benefits into a non-covered semester for any condition. Extension of coverage for existing conditions, such as maternity, is available through the continuation option, details of which can be obtained through the Student Insurance Office. Although dependent coverage is not included in the Student Plan, the Student Insurance Office can provide suggested alternatives for students needing dependent coverage.

It is strongly recommended that students remain enrolled in this plan even if other health insurance is present. A request to cancel this insurance plan is permitted during the first 15 calendar days of each semester (eight days during the summer session) for those students who prove they have comparable insurance coverage (insurance I.D. card or copy of policy) and complete the required petition in the Student Insurance Office. However, experience often has shown that the premium for the Illinois State University plan is less than out-of-pocket bills that many have to pay because of higher deductibles and coinsurance provisions in their own policy. Additionally, students sometimes lose coverage through their parents' plan because of age limitations, changes in dependent status, or changes in employment of parents. Thus, it can be more economical to remain enrolled in the Illinois State plan.

The previous information is a summary of benefits and enrollment procedures. Persons desiring specific information about the Illinois State University Student Health Insurance Plan should contact the Student Health Insurance Office, Room 230, Student Services Building, or call (309) 438-2515.

STUDENT COUNSELING SERVICES

320 Student Services Building,
voice: (309) 438-3655 TDD: (309) 438-5489
www.counseling.ilstu.edu

Student Counseling Services provides a full range of counseling services, including personal and career counseling, group counseling, crisis intervention, and on-call services after regular office hours. Staff can help with concerns about relationships, identity, decision making, unwanted habits, life decisions, lack of motivation, self-esteem, depression, anxiety and stress management, to mention but a few of the typical problems students experience. SCS also provides professional counseling for more severe emotional or psychological problems and has a psychiatrist available.

Students can contact our office or walk in to make an appointment. During the initial appointment, a counselor will work to help students clarify their concerns and develop a plan to address these concerns. If ongoing counseling or another service is needed, it may be arranged at that time.

All services are provided in a way that supports cultural and racial diversity and that fosters an environment that respects individual and group differences. Services are provided to students on a voluntary, strictly confidential, and no-fee basis.

PARENT SERVICES

387 Student Services Building
voice: (309) 438-3753 TDD: (309) 438-2762
www.ilstu.edu/depts/studentlife/parent

Parents and family members who need assistance can contact the Office of Parent Services. The office develops programs that promote family involvement in the University and its educational mission as well as providing information about University resources to parents. The Office assists University officials with outreach efforts to parents and conveys the suggestions and concerns of parents to the University community.

The parents of current students at Illinois State have the opportunity for active involvement in the University through the Parents Association. All parents of Illinois State University students are automatically members of the Association.

The Association's activities and programs are coordinated through the Office of Parent Services. An advisory board, made up of families representing various geographic areas, serves as the liaison between the University and all parents.

DISABILITY CONCERNS

350 Fell Hall, (309) 438-5853—Voice
(309) 438-8620—TDD
www.ilstu.edu/depts/disabilityconcerns

Disability Concerns, a unit of the Student Affairs Division, is the office that is designated to provide approved accommodation services to students, faculty, staff, and visitors with disabilities.

The mission of Disability Concerns is to ensure full and equal participation for persons with disabilities in the Illinois State University community through:

- empowering individuals,
- promoting equal access,

- encouraging self-advocacy,
- reducing attitudinal, physical and communications barriers, and
- providing appropriate accommodations.

Disability Concerns provides accommodation services that support people with disabilities in:

- the realization of academic goals,
- reaching professional goals, and
- becoming contributing members of society and lifelong learners.

To receive services from Disability Concerns, appropriate medical/psychoeducational documentation must be provided. Upon receipt of the documentation, the case coordinator works with the student, faculty or staff on a case-by-case basis to determine the impact of the disability and the appropriate accommodation(s). Disability Concerns offers a variety of services to accommodate persons with disabilities. Accommodations provided may include, but are not limited to, testing accommodations, sign language interpreters, readers, scribes, notetakers, assistive technologies and materials in alternative formats.

Disability Concerns provides many of its services through a volunteer model. This is promoted to diminish attitudinal barriers and to promote understanding and respect for persons with disabilities. All students, faculty, staff, and alumni of the University are encouraged to volunteer their time and talents. This volunteer program offers the opportunity to obtain volunteer hours, develop experience to enhance a resume, and perhaps most importantly, develop skills that encourage and promote diversity. Persons interested in providing volunteer assistance should inquire at Disability Concerns.

Disability Concerns, 350 Fell Hall
(309) 438-5853 voice, (309) 438-8620 TDD, or
(309) 438-7713 facsimile
Web site: www.ilstu.edu/depts/disabilityconcerns

SPEECH AND HEARING CLINIC

211 Rachel Cooper/Fairchild Hall, (309) 438-8641

Students may obtain evaluation and therapy services for a wide range of speech, language, voice, and stuttering disorders as well as hearing services including hearing testing, auditory training, and all aspects of hearing aid dispensing and management. Please contact the Speech and Hearing Clinic for appointments.

CHILD CARE

124 Turner Hall, (309) 438-5026

Open only to students, Illinois State Child Care Center offers high quality, affordable child care services to children 2-10 years of age. It is open during the fall, spring, and summer semesters. Hours are 7:30 a.m. to 5 p.m. during the fall and spring; 7:15 a.m. to 4:45 p.m. during the summer. The center is licensed for 40 children at a time with care provided in 124 Turner and 105 Fairchild. Call (309)438-5026 or e-mail kstephen@ilstu.edu for an application or visit 124 Turner Hall and ask for the Director.

STUDENT DISPUTE RESOLUTION SERVICES

202 Fell Hall, (309) 438-8621

Student Dispute Resolution Services (SDRS) coordinates the University's student disciplinary, grievance, and conflict resolution processes. Student disciplinary matters are reviewed both by administrative staff and by the University Hearing Panel, while student grievances against faculty and staff are reviewed by the Student Grievance Committee. Appeals of both processes are reviewed by the Student Code Enforcement and Review Board.

For students engaged in conflicts with other members of the community, alternative dispute resolution services are also provided. Mediation is available in many cases where the parties agree to attempt to develop a solution to satisfy both/all parties. Both student and administrative forms of dispute resolution, such as facilitation and negotiation are available as deemed appropriate.

For more information on any of these services, contact SDRS at (309) 428-8621 or visit our Web site at <http://www.ilstu.edu/depts/SDRS>. Copies of the *Student Handbook*, which outlines the disciplinary, grievance, and appeals processes are available through the Office of Student Life.

STUDENTS' LEGAL SERVICES

120 Student Services Bldg, (309) 438-2571

Students' Legal Services (SLS) has two attorneys working to meet the legal needs of ISU students. Every full-time or part-time student who has paid the general activity fee is entitled to office consultation with the SLS staff for any legal problem. SLS provides full legal services including court representation in the cases:

defense of a criminal misdemeanor or ordinance violation brought in McLean County; landlord/tenant disputes involving less than \$2,500; consumer related claims involving less than \$2,500; and traffic violations if the student's drivers license may be suspended or revoked.

SLS provides limited services--advice, and consultation or referral only--for other cases. These include cases in which damages exceed \$2,500; probate for real-estate matters; felonies; appeals in criminal cases; personal-injury claims; cases involving ISU or the Board of Trustees; law suits outside McLean County; domestic relations matters; and class action suits by ISU students.

SLS refers to other attorneys all cases between ISU students and any actions concerning private, profit making activities. Cases are considered on an individual basis and every student's legal problem is given full consideration.

PARKING SERVICES

709 N. Main Street

(309) 438-8391 or (309) 438-PARK

Web site: www.parking.ilstu.edu

During the posted hours, all vehicles occupying University parking facilities, other than metered spaces (enforced 24 hours a day, seven days a week), must display a valid and appropriate parking permit obtained from the Office of Parking Services. Office hours are 7:30 a.m. to 4:30 p.m., Monday through Friday. A valid I.D. is required to purchase a permit.

Additional information is available on the Parking Services Web site: www.parking.ilstu.edu.



ACADEMIC SERVICES

University College

322 Fell Hall, (309) 438-7604
www.ucollege.ilstu.edu

The people, programs, and services of University College focus on helping entering freshman and transfer students manage their transition into the University community through active involvements that promote individual success and persistence. Programs and services offered or coordinated through University College include the Academic Advisement Center, Developmental Mathematics, Learning Communities (CONNECTIONS), the Minority Student Academic Center, Orientation and Transition Services (Preview, Passages, and Transfer Days), Student Support Services, the University Center for Learning Assistance, and the University Testing Office.

ACADEMIC ADVISEMENT CENTER

340 Fell Hall, (309) 438-7604

Caring professionals and trained peer advisors in the Academic Advisement Center help incoming students with educational planning, course selection and referral services. Professional and peer advisors help students explore academic majors and career options, and assist them in developing plans to meet their goals. Students can obtain information about academic requirements, assistance for declaring or changing a major, and help finding the resources they need to overcome academic difficulties. Students with 24 or fewer semester hours, and all General, Pre-Nursing, and Unclassified students, are served by the Advisement Center.

DEVELOPMENTAL MATH

123 Schroeder Hall, (309) 438-3360

The Developmental Math unit of University College offers MAT 102 (Basic Algebra), MAT 104 (Intermediate Algebra) and MAT 119.10 (College Algebra) taught by student-centered instructors in a warm, friendly atmosphere that is conducive to learning. Developmental math students are strongly encouraged to make use of tutorial assistance provided by instructors, graduate assistants, and undergraduate teaching assistants in the University College user-friendly math lab throughout the day and early evening.

LEARNING COMMUNITIES - CONNECTIONS

Office of Orientation and Transition Services
331 Fell Hall, (309) 438-3859

The freshman Learning Communities program, CONNECTIONS, is designed to assist students with their transition to college by facilitating extensive positive interactions with faculty, staff, and other students and building closer links between academic experiences and extracurricular campus life. Students in learning communities share the same sections of several courses, attend a weekly seminar, and may also participate in special curricular and extracurricular programming.

Learning communities are effective in helping students adjust to college life, establish friendships with classmates, build bridges between ideas presented in their courses, and develop ties between classroom and extracurricular activities. Participation in learning communities also has positive effects on the academic accomplishments and graduation rates of participants. Further information is available in University College at the Office of Orientation and Transition Services, 331 Fell Hall, Campus Box 4060, (309) 438-3859.

MINORITY STUDENT ACADEMIC CENTER

Campus Religious Center building
210 W. Mulberry Street, (309) 438-3159

The Minority Student Academic Center (MSAC) engages in activities to enhance the academic success and retention of minority undergraduates. The Center fosters a supportive, comfortable environment for students so they can maximize their academic potential and achieve their academic goals. The array of interconnected, coordinated academic support services available through the Center includes a computer lab and study center, formal and informal study groups, academic advising, tutorial assistance, and a residential program in a global living and learning community. A grant program for selected students encourages them to participate in an academic or professional development activity of their choosing. Information about on- and off-campus programs and services that benefit minority students, and referrals to other campus units, are also available. To better accommodate the needs of students, MSAC offers extended hours of operation during the academic year.

NEW STUDENT ORIENTATION PROGRAMS

Office of Orientation and Transition Services,
329 Fell Hall, (309) 438-8486

Illinois State University is committed to assisting all entering students become successful members of our campus community. Students' transition from high school or a community college is facilitated by programs specifically designed for entering students. New freshmen attend "Preview: Summer Orientation;" new transfer students participate in "Transfer Days;" and all new students are involved in "Passages: Fall Orientation."

Preview—Summer Orientation: During the two-day Preview program in the summer, new freshmen receive academic orientation, meet with academic advisors, and register for fall semester classes. There also are opportunities for new freshmen and their family members to discuss issues of campus life with faculty, staff, and current students. Freshmen admitted for fall semester receive registration materials for Preview in late spring. Freshmen entering for the spring semester attend a similar program in December. Further information is available in University College at the Office of Orientation and Transition Services, 329 Fell Hall, Campus Box 4060, (309) 438-8486.

Passages—Fall Orientation: Passages assists all new students with their transition to Illinois State by holding required academic sessions and special activities immediately prior to the start of fall semester classes. These activities promote students' sense of community and integration with campus life. Information about Passages is mailed to all new students in late July. Further information is available from the Office of Student Life, 387 Student Services Building, Campus Box 2700, (309) 438-2151.

Transfer Registration Days: Newly admitted transfer students have the opportunity to receive academic advisement, register for classes, and learn more about the University by participating in the one-day Transfer Day program. Multiple Transfer Days are held each term—generally two days are scheduled in the fall for those admitted for the spring semester and three days are scheduled in the spring for those admitted for the summer and/or fall terms. Students receive information about participating in the Transfer Day program after they have been admitted. Students admitted after the Transfer Day program has passed are sent information regarding additional advisement and registration opportunities. Further information is available from the Office of Admissions, 201 Hovey Hall, Campus Box 2200, (309) 438-2181.

Special arrangements: Arrangements can be made to assist participation in these programs by students with disabilities through the Office of Disability Concerns, 350 Fell Hall. Contact them by voice at (309) 438-5853 or TDD (309) 438-8620 regarding any special needs prior to arriving on campus.

STUDENT SUPPORT SERVICES

374 Fell Hall, (309) 438-2099

The Student Support Services (SSS) program enhances participants' academic progress throughout their career at Illinois State University. Program advisors provide individualized, intensive support to prevent barriers that may be encountered by first-generation and low-income college students. Primarily, this is accomplished through academic, personal, financial, career, and professional/graduate school preparation advisement. Services include detailed needs assessment, academic progress monitoring, referrals to appropriate campus units, and help in developing decision-making skills in the context of higher education. Additionally, participants are given the opportunity to attend on- and off-campus programs and student leadership conferences. SSS is funded by the U.S. Department of Education in cooperation with Illinois State University.

UNIVERSITY CENTER FOR LEARNING ASSISTANCE (UCLA)

133 Stevenson Hall, (309) 438-7100

The focus of the services provided by UCLA is assisting all students to become independent and successful learners by helping them discover WHAT to learn and HOW to learn it. UCLA sponsors several types of learning assistance services. Tutorials often involve regular weekly meetings between tutors and students. Tutors are also available some hours per week to answer short questions on a "drop-in" basis. Students in selected courses may participate in Supplemental Instruction, small-group study sessions designed to promote active learning. Short courses, seminars and workshops are regularly offered to help students build writing, reading, study, and test-taking skills. Call the Center for more information, or come in to request or register for any of the learning assistance services.

UNIVERSITY TESTING OFFICE

346 Fell Hall, (309) 438-2100

The University Testing Office (UTO) administers college-related tests such as the COMPASS Math Placement and the Constitution exams. UTO also

provides information and registration materials for selected national standardized tests including the Praxis, PPST, ACT, CLEP, GRE, GMAT, and TOEFL. UTO's services are available to the community. Please feel free to call the office for more information.

Additional Academic Services

MATHEMATICS TUTOR CENTER

330 Stevenson, (309) 438-8781

The Mathematics Tutor Center provides tutorial assistance to students enrolled in courses in Mathematics. Intensive remedial assistance is not provided. Interested students and faculty should contact the Mathematics Department for additional information.

COMPUTER AND INFORMATION SERVICES

**Campus Technology Support Group
University Computer Help Desk,
(309) 438-HELP**

Many resources and support services are available at no charge to Illinois State students including an e-mail account, dial-up access, space for data storage and creating personal web pages, software with licensed Internet and anti-virus tools, over 70 computing labs, and access to help/training personnel and activities. Mail can be accessed through campus webmail or a variety of e-mail clients. Students can obtain registration and financial information via the Student Information Access System (SIAS). Assistance in purchasing computers and software is also provided. The many services are described from the Campus Technology Support Group's main Web site at www.ctsg.ilstu.edu and specifically by following the Student Technology Support Services link.

All users are responsible for reading and abiding by the Appropriate Use Policy for University Technology Resources. Note that any member of the University community can lose access to their Internet services privileges after repeated or extreme violations of the policy. Many courses require usage of these Internet services. Therefore, the loss of this access may prevent a student from completing course work.

STUDENT SERVICE AND REFERRAL CENTER

107 Moulton Hall, (309) 438-2188

Open for extended hours, the Center provides assistance or referral to the appropriate University office for students regarding registration, obtaining financial aid, applying for graduation, requesting transcripts and other selected services

ordinarily provided by the University Registrar, the Financial Aid Office, Admissions Office and University College/Academic Advisement Center.

OFFICE OF INTERCULTURAL PROGRAMS AND SERVICES

305 North School Street, (309) 438-8968

The Office of Intercultural Programs and Services is part of the Division of Student Affairs. The mission of the Office is to raise diversity awareness in all students, faculty, and staff, and to facilitate a supportive environment for diverse cultures. The Office sponsors a wide variety of programs, including cultural celebrations, and yearlong programming for African-Americans, Asian-Americans, Latinos/Latinas, Gay, Lesbian, Bisexual and Transgender, Native Americans, and women, in conjunction with MECCPAC (Multi Ethnic Cultural and Co-curricular Programming Advisory Committee). The Office plays a role in developing student recruitment and retention programs and collaborates with academic departments to enhance in and out-of-classroom experiences.

The Center for Intercultural Relations is a component of the Office of Intercultural Programs and Services that is designed for use by the entire University community. It offers two conference rooms that can be reserved for meetings, seminars or other gatherings, a library with a growing collection of multicultural resource materials, and a relaxed atmosphere for studying and meeting friends. Students or University personnel requiring help or information about available services, are encouraged to contact the Director of the Office of Intercultural Programs and Services.

Distance Education

At Illinois State University, there are courses and programs that a student can complete without physically coming to the Normal campus. These courses are offered in various formats:

Extension: Extension courses are typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Internet: Internet courses make use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize on-line materials, courseware, and discussion groups, and may be delivered in an asynchronous mode.

Interactive Television (ITV): These courses originate on site at Illinois State and are broadcast

to one or more distant sites in real time with interactive audio/video.

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

For courses offered by Illinois State University, no differentiation is made between credits earned on-campus, off-campus, or by alternate delivery methods such as the Internet or interactive television. For further information contact the Office of Extended University at (309)438-5288 or view the Web site at www.exu.ilstu.edu.

Special Academic Opportunities

HONORS PROGRAM

The University's Honors Programs described earlier in this catalog, offer academically talented students enriched educational opportunities. Honors students benefit from close personal advisement with skilled Honors advisors, from special, small classes taught by the University's outstanding professors, from opportunities for cooperative research with advanced scholars, and from individually designed programs and independent study opportunities. Honors students also have special residential options.

ACADEMIC HONORS

Dean's Lists: Undergraduates who meet high academic standards, as established by the college of their major, are included in a Dean's List issued each semester. Eligible students must complete 12 or more graded hours during the semester. Courses completed after the official end of the semester and courses taken with a CT/NC option will not be counted for this purpose.

The Dean's List for the Colleges of Applied Science and Technology, Arts and Sciences, Education, Fine Arts, and Mennonite College of Nursing will include those students whose grade point averages place them among the top ten percent of those students majoring within the college based on their semester GPA. The Dean's List in the College of Business will include only undergraduate students majoring in business who have completed 12 or more semester hours with an overall semester grade point in the top ten percent, and at least 3.33 GPA for all courses taken during the semester. Courses completed after the official end of the semester and courses taken with a credit/no credit option will not be counted for this purpose. Students whose major does not place them in one of the six colleges that offer classes and whose semester grade point average is within the top ten percent of the University are identi-

fied on the list of the Associate Vice President for Undergraduate Studies.

Bone Scholars: The University each year names 14 outstanding junior undergraduates as Robert G. Bone Scholars. Robert G. Bone was president of Illinois State from 1956 to 1967, and was so highly regarded by the University community that these special scholarships were established to honor his memory. Undergraduates can receive no higher honor from the University than to be awarded the Bone Scholarship. These scholarships recognize superior academic records, broad academic achievement, notable community and campus service, and demonstrated leadership. Students must be nominated during spring semester of their junior year in order to apply for this award, and they must complete a rigorous application process in order to be selected. A university-wide committee, organized by the Honors Program, reviews applications and makes selections.

THREE-YEAR DEGREE PROGRAMS

There are several academic programs that can be completed in three years with careful planning and hard work. Each is an ambitious program requiring a rigorous college-oriented high school curriculum. Special academic advisors are available in each program for early and comprehensive counseling throughout the programs.

Further information about three-year degree programs can be obtained by writing to Campus Box 6100, Normal, IL 61790-6100, or calling (309) 438-2559.

UNDERGRADUATE TEACHING ASSISTANTS

Undergraduate Teaching Assistantships (UTA) are available in nearly all departments of the University to juniors and seniors who have demonstrated excellence in a particular discipline and high overall scholastic achievement. The purpose of the program is to assist the faculty in the improvement of instruction and to provide UTAs with a valuable learning opportunity.

Undergraduate Research Assistantships (URA) are available in selected departments for students who have demonstrated excellence in a particular discipline with significant potential in research. The purpose of the program is to work closely with faculty members and to provide students valuable opportunities for research.

The responsibilities and nature of the UTA and URA assignments are determined by the departments and colleges. Some departments provide the opportunity for credit to be earned by the UTA under a General Offerings course (291 Seminar:

Undergraduate Teaching Assistants). Three hours is the maximum amount of this credit that may be allowed for graduation. Application forms are available in the departmental and college offices.

UNDERGRADUATE RESEARCH

Research is considered a vital component in the development of undergraduates at Illinois State. All students have the opportunity and are encouraged to participate in scholarly research during their university experience.

Illinois State explicitly views research as more than the traditional concept of expanding basic knowledge, favoring a definition that requires the application of such knowledge in resolving societal problems. Students have the opportunity to work in collaboration with Distinguished Professors and Outstanding University Researchers. As is true for all research, undergraduate students should ensure that any research projects involving living human subjects have been approved by the Institutional Review Board (IRB). Research projects involving living animals require the approval of the Institutional Animal Care and Use Committee (IACUC). If questions exist, discuss this with your faculty supervisor or contact Research and Sponsored Programs in Hovey 310 at (309) 438-2528.

Student research is showcased each spring in the Undergraduate Research Symposium sponsored by the Graduate School, the Graduate Student Association, and Research and Sponsored Programs. Students must be enrolled and engaged in research under the direction of a faculty advisor.

The symposium recognizes and promotes student research by providing a professional setting in which students present their research. Presentation options include posters, oral, multimedia, and class presentation.

In addition to recognizing and encouraging research at the undergraduate level, this event will also provide professional advancement experience. Presenters at the symposium are eligible to apply for travel support reimbursement to present research at off-campus professional conferences. Funds are available through the Graduate School when matched by department/school funding.

INTERNATIONAL STUDIES AND PROGRAMS

301-311 Fell Hall, (309) 438-5365

The Office of International Studies and Programs provides services for students and faculty, international students and faculty, residents of

International House, and participants in the National Student Exchange. It also assists academic departments with intercultural programs.

The Office of International Studies and programs also has units which encourage faculty research, creation of international linkages, creation of new study abroad programs in under-represented areas, and international student recruitment. These units, under faculty direction, include the Unit for Contemporary African Studies, the Unit for Latin American and Caribbean Studies, and the Unit for Middle Eastern and South Asian Studies.

Study Abroad (308 Fell Hall), (309) 438-5365: In keeping with the tradition of a liberal education, Illinois State strongly encourages qualified students to consider studying in another country. The purpose of Study Abroad is to enable the student to gain a direct understanding of the intellectual and cultural achievements of another culture. In this way, Study Abroad may contribute toward intelligent citizenship in the world community. Academic programs for a summer session, winter break, a semester, or a year abroad are available to Illinois State students.

The University has programs all over the world. They are located in: Australia, Austria, Costa Rica, England, China, France, Germany, India, Ireland, Italy, Japan, Korea, Mexico, Russia, Scotland, Spain, Sweden, and Wales. The programs at these centers are designed to be a continuation and enrichment of a student's regular on-campus academic program.

Students who are accepted in these programs remain full-time students at Illinois State, and all courses offered at the centers are part of the Illinois State University curriculum. Thus, students at these centers carry a full academic load for a semester or a year and retain full status as enrolled students at Illinois State.

Most of the courses offered abroad meet general education or major/minor field requirements. The sophomore and junior years usually offer the greatest curricular flexibility for those who wish to study abroad. Some programs are more suitable for advanced study and therefore more appropriate for seniors. Anyone interested in Study Abroad should consult with advisors in the Office of International Studies and Programs.

Numerous summer opportunities are available for Study Abroad. Study programs are offered by a wide variety of disciplines including agriculture, anthropology, art, business, communications, criminal justice, education, foreign languages, history, industrial technology, nursing, political science, and general studies.

Students are encouraged, as early as freshman year, to visit with an International Studies advisor to determine which courses they should reserve for study abroad. This ensures the program will not deter students from graduating on time.

International Student and Scholar Services (308 Fell Hall), (309) 438-5276: The Office of International Studies and Programs provides services to non-immigrant students, faculty, staff and visiting scholars. International advisors provide assistance to non-immigrants who must comply with United States Immigration and Naturalization Services laws; coordinate campus and community resources/services; interpret non-immigrants' needs and problems to the institution's administration and faculty; and assist with personal and academic problems, financial aid, hospitality, and housing.

International faculty and staff who are new to the university, visiting scholars and all enrolled international students should contact the Office of International Studies and Programs in Fell 308 as soon as they arrive on campus.

International House (309) 436-1651: International House located in Atkin/Colby Residence Hall is a coeducational residence and academic program center for both American and international students. The purpose of I-House is to promote cultural interaction and international understanding through social and educational programs. This setting provides opportunities to develop friendships and to encourage mutual respect among students of diverse backgrounds and cultures.

Intensive English Program at English Language Institute (Hudelson Building), (309) 438-2072; www.cas.ilstu.edu/English/Eli/eli.html; email: eli@ilstu.edu: Illinois State University's English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language with equal emphasis on both communicative and academic needs for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a TOEFL score of 550 (paper based) or 213 (computer based) can be admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL

score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University. Most students live in the University's campus housing which gives them a chance to interact with students of all backgrounds.

For further information, contact English Language Institute, Campus Box 6123. Fax: (309) 438-3031; phone: (309) 438-2072. Web site: www.cas.ilstu.edu/English/Eli/eli.html; or email: eli@ilstu.edu.

National Student Exchange (308 Fell Hall, 309-438-5365): National Student Exchange (NSE), founded by Illinois State and two other institutions in 1968, is a consortium of institutions established to facilitate the interstate exchange of students at an affordable cost. The NSE membership includes 170 colleges and universities representing 49 states, 3 territories, and 5 Canadian universities located in British Columbia, Newfoundland and Quebec. Through NSE, students have an opportunity to experience the cultural and geographical diversity of the nation. Students, preferably sophomores and juniors, with a 2.5 cumulative GPA, may study for a semester or year at a member school while paying either Illinois State's in-state tuition or the in-state tuition of the host institution. Financial aid is applicable to this program. Applications for following year placements are available from the middle of October to February 1.

CAREER PLANNING

185 Student Services Building, (309) 438-2200

Career Resources Center: The Resources Center is a good place to learn what is available to assist students in their career search. Located in SSB 185, the Center provides students with resources and information related to any stage of the career process (e.g. assessing interests and abilities, student employment, clarifying career direction, internship opportunities, videotaped practice employment interviews, resume assistance, information about various on-campus career fairs, graduate and professional school information, student registration, and employer interviewing).

STUDENT AND ALUMNI PLACEMENT SERVICES

185 Student Services Building, (309) 438-2200
www.illinois.erecruiting.com and jobs.ilstu.edu

Student and Alumni Placement Services is a valuable resource for students, alumni, employers, and faculty. Students and alumni are assisted in identifying career opportunities that suit their talents, interests, and education. Assistance is

provided in obtaining part-time positions both on- and off-campus, exploring internship and cooperative education experiences, graduate/professional school opportunities and permanent full-time employment opportunities.

Placement Services: Provides individual job-search assistance, computerized resume referral to employers, job listings, on-campus interviewing, and employer outreach. Several career events are offered throughout the academic year to facilitate students meeting with employers from business, industry, government, education and non-profit agencies. The office coordinates on-campus recruitment and maintains employer literature and videos, job descriptions, labor market outlook and salary information. Placement files containing letters of recommendation are maintained and distributed by request to employers.

Professional Practice: Nationally recognized, this program offers academically qualified students an opportunity to integrate classroom study with one or more terms of paid or unpaid internship or co-op experience in a work environment related to the student's academic and career goals. Nearly 6,000 organizations in the U.S. and abroad have served as learning sites. Students interested in enrolling in co-op experiences or internships should contact their Departmental Professional Practice Coordinator or this office early in their undergraduate program so that credit-generating work/learning experiences can be arranged. A maximum of 16 semester hours may be used toward graduation at the undergraduate level.

Cooperative Education -- an educational pattern that allows for alternating or parallel periods of campus study and paid, educationally related work experiences.

Internship -- usually an unpaid experience that typically occurs only once during a student's undergraduate career.

Student Employment: Targets on and off campus part-time employment opportunities ranging from administrative assistants to para-professional positions. Along with a wide array of part-time employment vacancies, on-campus graduate assistantships are posted on the interactive Web site at www.erecruiting.com.

For information contact the office via email at: jobs@ilstu.edu or by phone (309) 438-2200, Monday through Friday from 8 a.m. to 4:30 p.m., or www.erecruiting.com.

Preparation for Graduate Study

While many graduates proceed immediately to the working world upon receipt of their bach-

elor's degree, others choose to pursue their education further.

Requirements for admission to advanced study vary according to the profession as well as among the schools. Thus, a student planning to enter a professional school should seek specific admission information from the school he or she plans to attend. Preparation for admission to a professional or graduate school consists of (1) a broad educational experience, (2) courses that meet the specific admission requirements of the school the student plans to attend, (3) major and minor subjects that allow for concentrated study in a field of interest and that provide an alternative career direction if it becomes desirable, (4) relevant work or research experience, and (5) standardized test scores, such as the GRE, GMAT, LSAT, MCAT, etc.

GRADUATE SCHOOL

310 Hovey Hall, (309) 438-2583

The Graduate School offers masters' degree programs in most fields in which undergraduate programs are available. Doctoral degree programs are available in Biological Sciences, Curriculum and Instruction, Educational Administration, English Studies, Mathematics Education, School Psychology, and Special Education. Also, a Specialist in School Psychology degree is offered.

Students interested in graduate study at Illinois State should consult the *Graduate Catalog* for admission requirements and available programs. It is recommended that undergraduates contemplating future education take the necessary standardized test in the early part of their senior year. These test scores, along with transcripts, usually are necessary not only for admission but to attain various forms of financial support, e.g., Graduate Assistantships. Further information also may be obtained from departmental/school offices and the Graduate School Office in Hovey Hall or at www.grad.ilstu.edu.

Preparation for Professional Study

HEALTH PROFESSIONS

Students in preprofessional programs for health-related professional colleges usually major in one of the departments in the College of Arts and Sciences. Majors in Biological Sciences or Chemistry usually are elected because several specific preprofessional course requirements can be applied toward a major in these fields. However, a major in any one of a number of other departments in the College is appropriate for many students who have a specific career goal in mind. Economics, foreign languages, mathematics, physics, psychology, sociology,

and speech pathology and audiology are several examples of academic areas that have application to specialties within the health professions.

Minimum admission requirements to colleges of medicine, dentistry, and veterinary medicine are discussed below. Further information about admission procedures to these and other health-related professional colleges can be obtained by contacting the preprofessional advisor in the Department of Biological Sciences, (309) 438-8252.

Medicine: Admission requirements of individual medical colleges are set forth in *Medical School Admissions Requirements—United States and Canada*. Orders for this book should be addressed to:

Association of American Medical Colleges
2450 N. Street, NW
Publications Department
Washington, DC 20037-1129
(202) 828-0416

Specific course requirements of medical schools in the state of Illinois can be met by taking the following courses:

Chemistry 140, 141, and 220 or 230, 231
Biological Sciences 196, 197
Physics 108, 109
Behavior Sciences (9 hours)
English and Speech (9 hours)
Mathematics 145, 146 are recommended

Other specific course requirements usually are met by completion of the General Education program. It should be understood that a careful selection of general education and elective courses beyond the specific admission requirements can make the applicant more competitive.

Although a few students are accepted for enrollment in medical college after completion of 90 semester hours, they are distinct exceptions. Most students should anticipate the completion of the requirements for a bachelor's degree with the following approximate timetable:

1. Completion of specific course requirements by the end of the junior year.
2. Medical College Admission Test taken in April of the junior year.
3. Medical College application process begun in June, preceding senior year.

Dentistry: Admission policies of individual dental schools are set forth in *Admission Requirements*

of United States and Canadian Dental Schools. Book orders should be addressed to:

American Association of Dental Schools
1625 Massachusetts Avenue, NW
Washington, DC 20036-2212
(202) 667-9433

In addition to the completion of the General Education program, the following courses would meet the minimum specific course requirements for Illinois dental schools:

Chemistry 140, 141, 230, 231, 232, 233
Biological Sciences 196, 197
Physics 108, 109

Most students enter dental school after three or four years of preprofessional studies. The minimum requirement for admission to dental schools in the state of Illinois is two years of college, even though most such applicants are unsuccessful. It is therefore advised that students anticipate at least a three-year program with the following timetable:

1. Completion of specific course requirements by the end of the sophomore year.
2. Dental Admission Test taken in April of the sophomore year or October of the junior year.
3. Dental college application process begun in the fall of the junior year.

Veterinary Medicine: Illinois residents find it exceedingly difficult to gain admission to colleges of veterinary medicine outside the state. Students should therefore direct their attention largely to the admission policies of the University of Illinois College of Veterinary Medicine.

Specific course requirements: 5 semesters of biology with laboratory, including 3 semesters of 200- or 300-level courses; 4 semesters of chemistry, including organic chemistry and biochemistry; 2 semesters of physics; 2 semesters of English; 4 semesters of humanities and social sciences. One semester of animal science is recommended. Some two-year students are accepted, but the majority of successful candidates have 3 or 4 years of preprofessional study. Students are therefore advised to plan their program for completion of the requirements for admission to veterinary college by the end of the sophomore year. A four-year program leading to a bachelor's degree should be anticipated in the event that early application to veterinary college is not successful.

Students at Illinois State University with 22 credit hours who demonstrate outstanding academic abilities and a strong interest in veteri-

nary medicine may qualify for the University of Illinois Guaranteed Admissions Program to the College of Veterinary Medicine. For further information contact the preprofessional advisor.

ENGINEERING

Illinois State University shares an Engineering Physics program with the University of Illinois. Students begin at Illinois State and transfer to the University of Illinois after 90 hours. Students receive a B.S. in Engineering from the University of Illinois upon completion of their Engineering requirements. They receive a second B.S. in Physics from Illinois State upon transferring back 30 approved hours from the University of Illinois. Students major in Physics while at Illinois State.

The Engineering Physics program is listed under the Physics programs section of the *Undergraduate Catalog*. This five-year program has greater depth than the average engineering curriculum and provides students with the additional mathematical and scientific foundations needed to participate in the rapidly changing technologies of the future. The first years of this program also are suitable preparation for transfer to most engineering schools.

Due to the sequential nature of engineering curricula, it is important that appropriate course selec-

tions be made. Interested students should contact the Department of Physics at (309) 438-8756 early in their academic careers for help in planning an appropriate plan of study.

LAW

Law schools do not require any specific courses or undergraduate majors. A committee of the Association of American Law Schools has recommended that the prelaw student keep in mind three basic objectives in planning an undergraduate program: education for articulate oral and written expression; education for greater understanding of human institutions and values; and education to develop the skills of conceptual analysis. The committee has emphasized the need for a broad, liberal education that develops the student's intellectual interests rather than an education directed too pointedly toward later professional training and practice.

Students planning to apply for admission to law school should consult the University's prelaw advisor, Dr. Thomas Eimermann, Department of Politics and Government, (309) 438-8638, for assistance in selecting appropriate majors and valuable electives, and for information about the Law School Admissions Test.



ACADEMIC POLICIES AND PRACTICES

Whether entering the college classroom for the first time or transferring from another institution, every student encounters questions when building a class schedule and working through the semester toward a final grade. The following policies and practices will help you understand the academic structure on campus and find success in the classroom.

ACADEMIC GUARANTEE STATEMENT

Illinois State University is proud of its commitment to undergraduate education and its focus on student success through the provision of a small college atmosphere with large university choices. With a commitment to individualized attention, the University promises to work closely with all students throughout their academic career to ensure they complete their degree as expeditiously as possible.

This commitment begins by helping students make a successful transition from high school to college. Illinois State University has a unique first year curriculum and guarantees every freshman a seat in required first year courses.

In their first semester at Illinois State, all freshmen are required to take a unique interdisciplinary course known as Foundations of Inquiry. Each section is taught by an Illinois State faculty member and is designed to prepare students for college-level critical thinking, writing, speaking, and research.

COURSE REGISTRATION AND WITHDRAWAL

Course Registration: Students at Illinois State University register through STAR+ (a touch-tone registration system) or through SIAS (the Student Information Access System) on a computer terminal with Illinois State University mainframe access. Instructions for both methods are included in the *Class Registration Directory*, which is available from the Admissions Office in Hovey Hall or from the Student Service and Referral Center, 107 Moulton Hall.

Registration may be accomplished during the advance registration period or the additional registration periods prior to the start of the semester. New freshmen and transfer students may register during summer Preview or Transfer Days and are encouraged to do so because of the wider selection of courses open to them at that time, or they may register just before the opening of the semester. For advance registration an entry notice, giving date and time of registration, will be mailed to the stu-

dent's local address approximately two weeks prior to advance registration.

Confirmation of Attendance: Students are requested to confirm their intention to attend Illinois State for the upcoming session. Students who register in advance will receive a copy of their schedule and a confirmation card regarding their intention to attend the University during the upcoming session several weeks prior to receiving a bill for that session. Students may confirm their intentions in one of three ways which will be available to students throughout the month of July for fall and December for spring. The options include: (1) completing and mailing the confirmation card; (2) accessing STAR+; or (3) accessing SIAS.

Class Registration Changes: A student who is already registered for a particular semester and desires to change his or her program before the deadline for doing so should follow the instructions in the *Class Registration Directory*.

Withdrawal Policy—Dropping a Course or Courses: Students are strongly advised to complete all courses in which they enroll and are encouraged to avoid withdrawing from any course after the program change period unless absolutely necessary.

The following policy applies to students who drop a course or courses but maintain an enrolled status within the University:

A student may withdraw from a course during the program change period without the withdrawal being shown on the transcript. (A student should consult the *Class Registration Directory* to obtain specific dates.)

After the tenth day of classes, but prior to the end of the eighth week of classes during any regular semester, a student may withdraw from a full semester course with a grade of WX by complying with the following steps: (1) Obtain, complete, and sign a course withdrawal form; (2) Obtain the instructor's signature on the form; and (3) Submit the form to the Student Service and Referral Center, 107 Moulton Hall.

A student should consult the applicable *Class Registration Directory* for questions regarding refunds and for specific withdrawal dates during any instructional term. For courses taken during a term lasting less than a regular semester, a proportional withdrawal period will apply.

A grade of F will be given to students who (1) fail to withdraw officially from a course in compliance with the above procedure, or (2) register for a course but do not meet course requirements.

Upon the written recommendation of a licensed physician or clinical psychologist, or in other unusual circumstances, a student may be granted permission to withdraw officially from a course for medical, psychological, or other similar reasons after the official withdrawal period upon receiving approval from the Associate Vice President of Undergraduate Studies. If approval is granted, a grade of WX, WP or WF, as assigned by the professor, will be awarded.

Withdrawal Policy—Dropping all Courses:

The following policy applies when a student drops all courses in which he or she is enrolled, which is known as withdrawal from the University. Students are advised strongly to complete courses in which they are enrolled and not to withdraw from the University unless absolutely necessary.

Before the end of the twelfth week of classes during any regular semester, a student reports to or writes to the Office of University Registrar to withdraw from the University.

If a student's written request to withdraw from the University is granted, all grades will be assigned in the same manner and under the same provisions as the regular course withdrawal guidelines except that the student will not be required to contact his or her instructors. Instead, the instructor of each course assigns a WX, WP, WF or letter grade as appropriate depending on the date and circumstances of withdrawal. If medical or other reasons make it impossible for the student to follow the usual procedures, a letter requesting withdrawal that explains the situation, with appropriate documentation and the student's signature, will be sufficient. Withdrawals made by mail are addressed to Office of University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or by fax to (309) 438-3193.

Regardless of the circumstances of withdrawal, the student is responsible for returning any laboratory equipment and library materials. The student will pay for any parking fines and remove the parking decal from any registered vehicle.

The student will contact the Office of Residential Life to obtain clearance from room and board obligations and to arrange for vacating the residence hall room. The student should arrange with the Financial Aid Office to place any scholarship on leave or cancel it and make arrangements for future financial assistance. Arrangements for payment of loans must be made

in the Office of Student Accounts. Consult *Class Registration Directory* for information on refunds.

A grade of F will be given to students who (1) do not attend their courses but fail to withdraw from the University before the specified final withdrawal date, and to students who (2) register for a course but do not complete course requirements. In unusual cases, exceptions may be granted by the Associate Vice President for Undergraduate Studies.

Repetition of Course(s) Requirements: A student may repeat a course only once—if a student completes a course, or drops a course after the tenth day of classes receiving a grade of WX, WP, or WF, he or she may enroll officially in that course one additional time, and the repetition must occur at Illinois State.

When a course has been repeated, both the original and the subsequent grade (A,B,C,D,F,WF) are included in the student's GPA. The original grade will not be removed from the student's transcript, and the credit hours will count only once toward meeting minimum hourly requirements for graduation. Students who wish to repeat a course must do so at Illinois State; courses taken at another college or university may not be used to repeat Illinois State University courses.

Requests for third time enrollment for a course are initiated with the student's advisor. The advisor then reviews the request and forwards it to Undergraduate Studies.

Cross-listed Course Policy: Cross-listed courses are offered by more than one department or school, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department or school through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

Course Load Requirements: A full-time undergraduate student carries between 12 and 17 hours. For enrollment verification purposes, 12 hours is considered full-time for undergraduate students. A student wishing to carry more than 17 hours in a semester may seek permission to do so from the chairperson or director of his or her major department or school. The granting of this permission will depend on the student's scholastic record. A freshman may not carry over 17 hours during his or her first semester.

NOTE: First-term freshmen with ACT composite scores of 19 or less, students on academic probation, and first semester New Start students

may not carry more than 14 credits. Students wishing an exception to this policy must request such from their academic advisor. Students who are employed more than 15 hours per week should consider reducing their course load correspondingly.

A student considering enrolling in any classes, including extension or correspondence, at another college or university with concurrent registration at Illinois State University should consult with his or her advisor.

Semester Plan and Summer Session: The University is operated on the semester plan and provides, in addition to its fall and spring semesters, a summer session with courses of varying lengths, and a variety of short-term offerings. The summer *Class Registration Directory* may be obtained by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200. The schedule contains information on the cost, schedule of classes, and special features of the summer session, such as short courses and workshops.

Additional Summer Academic Opportunities: The University provides credit course work during the summer. Courses are also offered off campus. Limited student teaching and internship positions are available during the summer session. Prospective students may obtain the summer *Class Registration Directory* by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200. This directory lists courses, costs, and other information for the session. Summer session students should refer to the *Undergraduate Catalog* and *Graduate Catalog* for academic requirements.

Evening and Off-Campus Classes: In addition to courses offered during the regular school day, evening and weekend classes are scheduled both on campus and off campus. For courses offered by Illinois State University, no differentiation is made between credits earned on campus and off campus. Inquiries concerning off-campus classes should be directed to Extended University, (309) 438-5288. Information about some of these extension credit course offerings is available in the *Class Registration Directory* published each semester. Non-credit workshops, seminars, and conferences are scheduled by the Illinois State Conferencing Unit, (309) 438-2160.

UNIVERSITY GRADING SYSTEM

Course Grades: Instructors assign a grade in each course for which the student is registered. The course instructor is responsible for correcting any error in grading.

The grade point equivalents are 4 for A, 3 for B, 2 for C, 1 for D, and 0 for all other grades. The 0 value of F as well as WF is computed in the student's grade point average. The 0 value of grades I, AU, CR, CT, NC, WP, and WX is not computed in the student's GPA. University grades assigned undergraduate courses are:

- A Excellent
- B Good
- C Satisfactory
- D Poor, But Passing
- F Failing—Assigned to students who are (1) enrolled in a course all semester but fail to earn a passing grade, or who (2) stop attending a class without officially withdrawing
- WX Withdrawal—Assigned to students who officially withdraw from a course before the quality of work can be determined and before the dates specified in the withdrawal policy
- WP Withdrawal Passing—Assigned to students who officially withdraw from a course and who are doing passing work at the time of withdrawal
- WF Withdrawal Failing—Assigned to students who officially withdraw from a course and who are not doing passing work at the time of withdrawal
- I Incomplete
- AU Audit
- CR Credit—Assigned to students who do satisfactory work in a course which is offered on a Credit/No Credit basis only
- CT Credit—Assigned to students who earn an A, B, or C grade in a course which they have elected to take under the Credit/No Credit option
- NC No Credit—Assigned to students who (1) do not do satisfactory work in a course which is offered on a Credit/No Credit (CR/NC) basis only and to students (2) who do not earn an A, B, or C grade in a course that they have elected to take under the Credit/No Credit (CT/NC) option.

Incomplete: An incomplete (I) will be assigned to a student who is doing passing work but finds it impossible, because of reasons beyond her or his control (such as illness), to complete the required work by the end of the term. The student must have attended class to within three weeks of the close of the semester or to within one week of the close of the summer session.

The instructor may specify the time by which the required work must be completed, which may be no later than the final class day of the corresponding term of the following academic year. For graduating students, an incomplete grade must be

removed at least six weeks before December or May commencement or two weeks before August graduation. **Students may not graduate with Incompletes on their record.**

When the Incomplete is assigned, the student, faculty member, and the department chairperson or school director must sign an Incomplete removal form. The form will specify the date by which the work must be completed, the default grade (A, B, C, D, or F) that will be assigned if the work is not completed by the specified date, and the nature of the required work. If the instructor fails to file the appropriate grade change by the specified date, the Incomplete will lapse to the default grade specified.

Exceptions to this policy may be granted by the Associate Vice President for Undergraduate Studies.

Auditors: An auditor does not participate in the activity of the class but is expected to attend regularly. A student may register as an auditor in a class or classes if space is available. An Audit (AU) designation will appear on the student's transcript when the instructor certifies that the student has attended the class on a regular basis. If the student has not attended regularly, a WX will be recorded on the transcript after the instructor has notified the Registrar's Office in writing that the student has not attended regularly. To audit, a student must obtain an Auditor's Permit from the Student Service and Referral Center, have the instructor sign it, and present the form at the Student Service and Referral Center. Students must register to audit a course by the tenth day of classes in the semester, with any exception having the approval of the chairperson of the department or director of the school in which the course is offered and the Associate Vice President for Undergraduate Studies. There is a fee for auditing; see the section on Costs in this *Undergraduate Catalog*. Students who are registered for sixteen or more hours for credit may audit courses without additional fees. Audited courses are considered part of the student's total load.

Credit/No Credit Courses: Certain courses in the University are offered on a Credit/No Credit (CR/NC) basis only. For these courses, students receive a grade of CR (Credit) or NC (No Credit). The offering of a particular course on a CR/NC basis only must be approved in advance by the Office of the Provost.

Credit/No Credit Student Option (commonly called Pass/Fail): An undergraduate student (except a first-semester freshman) who is not on academic probation may choose to register in some courses under an option that allows the student to be graded on the basis of CT (Credit) or NC (No Credit) rather than on the basis of A, B, C, D, or F grades.

This CT/NC option is designed to encourage students to enroll in courses they otherwise would not take. Some courses, therefore, including those in a student's major or minor, may not be taken on the CT/NC option. Exceptions include courses in the student's major or minor field that are offered only as credit/no credit courses.

No more than six semester hours of work under the CT/NC option may be taken each semester, with a maximum of 25 semester hours under the CT/NC option presented for graduation. Although an entry of CT (credit earned under the option) or NC (no credit earned under the option) will be entered on the student's record, these entries are not used in computing the student's GPA.

No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

Students who plan to enter graduate or professional schools should exercise caution in taking courses under the CT/NC option because courses completed on a pass-fail basis may adversely affect graduate admission opportunities. Such students should consult their academic advisor prior to taking courses on a pass/fail basis.

A grade of CT is recorded when the grade submitted by the instructor is A, B, or C. A grade of NC is recorded when the grade submitted by the instructor is D or F.

Students electing the CT/NC option should do so as part of the regular registration process. Students may not elect the option after the tenth day of classes in the semester. Students who have elected the CT/NC option may return to the letter basis of grading before the last date for withdrawing from a course, as specified in the *Class Registration Directory*.

Grade Point Average: To be eligible for graduation, a student must have a minimum grade point average (GPA) of 2.0 (C) in all courses taken at Illinois State University for which grades of A, B, C, D, F, or WF are assigned. Failures are considered in the total number of semester hours taken in computing the GPA. The table below illustrates how grade points are counted to determine the GPA.

Grade Course	Grade	Sem. Hrs. Enrolled	Sem. Hrs. Earned	Sem. Hrs. For GPA	Grade Points
POL 105	D	3	3	3	3
BSC 145	CT	2	2	0	0
COM 110	A	3	3	3	12
MUS 139	I	1	0	0	0
CHE 102	B	3	3	3	9
KNR 133	WX	1	0	0	0
IDS 106	NC	1	0	0	0
Totals		14	11	9	24

The GPA is computed by dividing grade points earned by semester hours counted for GPA. In the case above, a GPA of 2.66 is calculated by dividing 24 (total grade points) by 9 (semester hours for GPA). Grades of WX, WP, CT, CR, I, and NC do not affect the GPA.

ACADEMIC PROGRESS ALERT

The Academic Progress Alert is an assessment of the undergraduate student's performance in each 100-level course in which the student is enrolled. This assessment will be mailed to the student in the first half of the semester.

ADDITIONAL ACADEMIC REQUIREMENTS

Class Attendance: The attendance regulation of the University is based on two principles. First, students are expected to attend class regularly; and second, students are primarily responsible to the instructor in matters pertaining to class attendance. Every student will be held responsible for class attendance and successful completion of academic work. Attendance regulations are intended to encourage student maturity and are based on the assumption that academic success is the student's primary goal in college.

Illinois State University deeply values and supports the required participation of students in Sanctioned University Activities. Instructors will provide such students with reasonable accommodations for completing missed exams, quizzes, and the like. The Office of the Vice President of Student Affairs will determine Sanctioned University Activities. It is the responsibility of the student to (1) inform instructors of scheduled absences in advance, (2) where possible and as soon as possible, provide a schedule of all semester absences, and (3) arrange to complete missed classroom work. Ultimately, students are responsible for material covered in class. In the event of disagreement regarding this policy, the issue will be directed to the appropriate Associate Vice President for Academic Affairs for arbitration.

The University will accommodate, within reason, students whose religious obligations require absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

Class Standing: Students in a bachelor's degree program are classified as freshmen, sophomores, juniors, and seniors. A student must have completed 30 semester hours to be classified as a sophomore, 60 hours to be classified as a junior,

and 90 hours to be classified as a senior. Students not working toward a degree at Illinois State are listed as Unclassified Students.

Major Field(s) of Study: Students may select a major field of study at the time of admission unless the field they choose has special admissions standards. Students who are undecided about a major field are classified as General Students and are encouraged to select a major field of study as soon as possible. The major and minor fields of study available at Illinois State are described later in this catalog.

A student may complete the requirements for two majors, both of which will be identified on the student's transcript provided all requirements are completed in both majors and the degree is awarded. When a student double majors, the student indicates only one major for purposes of registration.

Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a major and a second major.

Change of Primary or Secondary Major: A student wishing to enter a second major or change majors must consult the chairperson of the department, or director of the school, offering the major.

Program Specific Admission Criteria: Illinois State University regulates admission to designated programs when the number of students seeking to enter or transfer exceeds the available educational resources of the department/school or to raise the level of student preparation and qualification. Students may be required to meet supplementary selection criteria. Supplementary selection criteria may be based on scholastic achievement, including prerequisite and General Education course work and may include auditions, portfolios, work experience, etc. The selection criteria can be obtained from the intended major department or school advisor.

Dismissal from Major: A student who is placed on academic probation for a second or subsequent time will be dropped automatically from his or her major. The student dropped from the major will be classified as a General Student and will receive academic advisement from the Academic Advisement Center. In order to become a major in a department or school after being dropped, the student must be accepted by the department or school in which he or she desires to be a major.

Minor Field(s) of Study: Students often elect a minor field of study. A student may elect to complete the requirements for two minors, both of

which will be identified on the student's transcript upon receipt of degree. A student wishing to enter a minor, second minor or change minors consults with the academic department(s) offering the minor. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a minor and a second minor.

Certification Programs: Students who fail to maintain the specific grade point average required by their teaching or other certification program may be dismissed from that program. At the option of the department or school, students dropped from the program may pursue a degree in their major or be classified as a General Student and will receive academic advisement from the Academic Advisement Center. To become a candidate for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Academic Good Standing: To maintain academic good standing, a student must achieve a minimum cumulative GPA of 2.0. The number of semester hours completed includes all college work done by the student. However, only the grades earned at Illinois State are used in computing the GPA.

For satisfactory progress for financial aid purposes, see Satisfactory Progress Policy in this catalog. "Academic Good Standing" status is sufficient for continued enrollment in the University and may be necessary for eligibility to serve on various University committees and for participation in some co-curricular activities. Academic Good Standing status does not guarantee admission to, or retention in, specific departments, schools, or programs. Information concerning admission to and retention in specific programs is listed in this *Undergraduate Catalog* under the appropriate department, school or program descriptions.

Academic Probation: Students who fail to meet the above requirements are placed on academic probation. Information about the probation regulations or a student's own probation status may be secured from the Associate Vice President for Undergraduate Studies, 308 Hovey, Campus Box 4900.

Academic Dismissal: At the end of any semester, except for summer session, when a student goes on probation a second or subsequent time, he or she is dismissed from the University.

Academic Reinstatement: Students dismissed from the University may petition the Reinstatement Committee for permission to continue. Petition information is sent to the student's home address if applicable. Failure to act upon such request within the deadlines specified in that information will assure non-attendance. Therefore, students should keep their addresses current.

A student should expect to remain out of school for at least one calendar year before the Reinstatement Committee will act on a request for reinstatement. Only students who have extenuating circumstances or errors in their academic records should plan to apply for reinstatement for the semester following their dismissal.

"Automatic" Reinstatement: Students who have not been on academic probation more than four times and who earn a semester GPA of 2.10 or higher will be "automatically" reinstated to the University.

Reinstatement from Dismissal: A student who has been academically dismissed from Illinois State for poor scholarship must meet university-wide readmission requirements and must be reinstated by the University Reinstatement Committee in order to re-enroll. Readmission applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200 or from the Admissions Web site. The readmission application must be completed and must include a one-page, concise letter, with relevant documentation attached, which accounts for previous failure to achieve good academic standing and outlines a thoughtful plan for earning higher grades.

If a student attends any other higher educational institution after dismissal from Illinois State, he or she must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.0/4.0) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student.

Repeated failures to do satisfactory work may result in permanent exclusion from the University.

New Start Option: Students who leave Illinois State in a degree program with less than a 2.0 GPA may return and begin with a new GPA calculated from the point of their reentry in three limited situations:

1. **Adult Learner Option:** Former Illinois State students at least 25 years of age may reenroll through this program as General Students. If they have attended any college (including Illinois State) in the three calendar years preceding re-enrollment at Illinois State, they must have achieved at least a 2.0 GPA for that college work. Transfer credit will be evaluated and appropriately awarded, and a new Illinois State GPA will be calculated from the time of admission to the New Start-Adult Learner program.
2. **Veterans' Option:** Students who complete at least a one-year tour of duty and present a

discharge for reasons other than dishonorable, and whose first attendance at a college or university after discharge is at Illinois State, are admitted. Students who are veterans may reenter Illinois State as General Students. A cumulative GPA will be calculated from the point of admission to the New Start-Veterans' program.

3. **Community College Transfer Option:**

Former Illinois State students who earned 60 or fewer hours at Illinois State prior to enrolling at a community college and who subsequently earn at least 30 hours and a currently accepted associate degree (A.A. or A.S.) from a community college with at least a 2.0 GPA may reenter as a General Student. The cumulative GPA will be calculated from the point of readmission. Transfer credit will be evaluated and appropriately awarded.

A student may exercise the New Start Option only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who reenter under the New Start Option must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising this option.

ACADEMIC INTEGRITY

Students are expected to be honest in all academic work. A student's name on any academic exercise (theme, report, notebook, paper, examination) shall be regarded as assurance that the work is the result of the student's own thought and study. Offenses involving academic dishonesty include, but are not limited to the following:

- a. Cheating on quizzes or examinations occurs when any student is found using or attempting to use any book, paper, or other article, or assistance from any individual intending to deceive the person in charge of the quiz or examination with reference to his or her work. No books, notes, papers or related articles shall be used at any quiz or examination unless specifically authorized by the person in charge. Conversation or other communication between individuals in examinations and quizzes is forbidden except as authorized by the instructor.
- b. Computer dishonesty is the unacknowledged or unauthorized appropriation of another's program, or the results of that program, in whole or in part, for a computer-related exercise or assignment.

- c. Plagiarism is the unacknowledged appropriation of another's work, words, or ideas in any themes, outlines, papers, reports, or computer programs. Students must ascertain from the instructor in each course the appropriate means of documentation. Submitting the same paper for more than one course is considered a breach of academic integrity unless prior approval is given by the instructors.
- d. Grade falsification is any attempt to falsify an assigned grade in an examination, quiz, report, program, grade book, or any other record or document.
- e. Collusion occurs when students willfully give or receive unauthorized or unacknowledged assistance on any assignment. This may include the reproduction and/or dissemination of test materials. Both parties to the collusion are considered responsible. No individual may substitute for another in any quiz or examination.

For more information consult the Student Dispute Resolution Services Web site at: www.ilstu.edu/depts/SDRS/Welcome.htm.

PROFICIENCY AND PLACEMENT EXAMINATIONS

Students at Illinois State University may receive credit by examination through the following programs: College Level Examination Program (CLEP) General Examinations, Departmental Proficiency Examinations, CLEP Subject Examinations, and the Advanced Placement program. Students and prospective students are advised to plan their course work and examination attempts carefully because they may not receive credit by examination for a course in which they have been enrolled on the tenth day of classes.

CLEP General Examinations: Illinois State University grants credit by examination toward General Education requirements for the College Level Examination Program under the following guidelines:

1. A student may receive credit for a maximum of 18 semester hours credit through CLEP General Examinations.
2. A student who desires to take the CLEP General Examinations should do so before enrolling for classes at the University.
3. Credit earned through the CLEP General Examinations shall count toward General Education and graduation requirements only. A student may not use the CLEP General Examinations to raise grades or remove failures in courses already taken. All credit for CLEP General Examinations shall be considered credit at the 100-level.

4. A student who is awarded credit in one or more areas of the General Examinations should consult with his or her advisor to select other appropriate basic and advanced courses.
5. A student may not receive credit for both an area of the CLEP General Examinations and previously earned course credit in the same area. For example, a student who earned course credit in the Fine Arts (Art, Music, Theatre) may not receive credit for a General Examination in the Fine Arts area. Also, credit will not be awarded for the General Examination areas in which credit is earned through Departmental Proficiency Examinations, Advanced Placement Examinations, or CLEP Subject Examinations.
6. Students may take the CLEP General Examinations at Illinois State at times scheduled by the University Testing Office or at any CLEP Open Test Center. Students may contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100, for further information. Students who take the CLEP examinations are responsible for the cost of the examination.
7. FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS PRIOR TO JULY 1, 2001. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 570 on the Humanities, a score of 610 on the Natural Sciences, and a score of 550 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and 3 hours	US Traditions	(Middle Core)

* If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

8. FOR STUDENT WHO TAKE THE CLEP GENERAL EXAMINATIONS JULY 1, 2001, OR AFTER. The CLEP General Examinations are under revision, with new versions administered on or after July 1, 2001. At the time that

this catalog was printed, decisions about the award of credit had not been finalized. Please contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100 for further information before taking CLEP General Examinations.

Students who have taken CLEP General Examinations at another institution may request that scores be submitted to Illinois State by contacting CLEP, P.O. Box 6600, Princeton, NJ 08541-6600 or telephone (609) 771-7865.

Departmental Proficiency Examinations:

Departmental proficiency examinations are offered in most 100-level and in a limited number of 200-level courses. The purposes of the examinations are to allow students to receive credit for knowledge acquired previously and to allow students to enroll in more advanced courses or to add breadth to their academic programs. Proficiency examinations are optional and recommended only for students who are unusually skilled in the discipline in which the examination is taken. Specific information about the nature of a given examination should be obtained directly from the appropriate departmental or school office. Below are University guidelines and procedures relating to proficiency examinations:

1. The nature and content of each proficiency examination shall be determined by the department or school in which the course is offered. Standards of performance required for receiving credit in a given course also shall be determined by the department offering the course; the level and quality of work required for satisfactory performance on a proficiency examination is equivalent to that required for a grade of C in the course.
2. Academic departments shall provide proficiency examinations in most 100-level courses that are regularly listed in the *Undergraduate Catalog* and the *Class Registration Directory*. Students will find a list of courses in which proficiency examinations are offered in the *Class Registration Directory*.
3. A description of each proficiency examination should be available in the department or school offering the examination. Students should contact the appropriate department chairperson or school director for information about a specific examination, including qualifying experiences.
4. All Illinois State University students are eligible to take proficiency examinations; however, students who have not completed 12 hours of

accredited college or university course work need written approval of the chairperson or director of the department or school in which the course is offered.

5. Letter grades will not be assigned for proficiency examinations; therefore, the GPA will not be affected.
6. Credit earned in proficiency examinations may not be used to raise grades or remove failures in courses in which a student has been enrolled previously.
7. No course credit will be awarded for a proficiency examination which is at a lower level than a course previously enrolled in or one that substantially duplicates the content of a course taken previously.
8. Students may take a proficiency examination only once.
9. Students may register for only one departmental proficiency examination each semester unless examinations are approved in writing by the chairs or directors of the departments or schools where the courses are being offered.
10. Students with disabilities should notify the appropriate departmental office of the need for any special accommodations prior to the date of the examination.
11. Students should register for an examination by returning the completed application form (see the *Class Registration Directory*) to the Associate Vice President for Undergraduate Studies, 308 Hovey, Campus Box 4900.

CLEP Subject Examinations: In addition to the opportunities provided by the CLEP General Examinations previously described, several departments grant credit by examination in specific subject areas covered by CLEP Subject Examinations. Courses approved for credit under this program are HIS 101 and 102, MAT 145 and 146, POL 105 (includes U.S. Constitution only), PSY 111, and SOC 106.

The University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100 provides information about test dates and fees.

Advanced Placement Program: The Advanced Placement Program is sponsored by the College Entrance Board. The examinations are administered at designated high school testing centers. Students will be awarded credit or exemption as indicated.

A student who has taken Advanced Placement Program examinations should request that his or her scores be sent to the University Registrar at Illinois State University. To request grade reports for Advanced Placement Examinations completed, a student should write to Advanced Placement Exams, Box 6671, Princeton, NJ 08541-6671. In making the request, the student should include name, sex, date of birth, the year in which the examination was taken, and the name and identification number of the college to which the grade report should be sent. Illinois State University's identification number is 1319. The College Board currently charges \$8.00 for this service.

NOTE: Students who have served at least one year of active duty and received an honorable discharge may receive six semester hours of elective credit. To qualify for this credit, a copy of the DD214 should be presented with the application for admission.

Advanced Placement Program

Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Semester Hours Awarded
American Government	5 or 4	POL 105	3 hours
	5 or 4	POL 106	3 hours
American History	5, 4, or 3	HIS 135, 136	6 hours
Art Studio-General	5, 4, or 3	ART 100, 103	6 hours
Art Studio-Drawing	5, 4, or 3	ART 104	3 hours
Art History	5, 4, or 3	ART 155, 156	6 hours
Biology	5 or 4	BSC 196 and 197	8 hours
Chemistry	5	CHE 140, 141	8 hours
	4	CHE 140	4 hours
Comparative Politics	5 or 4	POL 141	3 hours
Computer Science Test A	5 or 4	ACS 168	4 hours
Computer Science Test AB	5, 4	ACS 168, 169	7 hours
	3	ACS 168	4 hours
English Lang-Comp	5	ENG 101, 145	6 hours
	4	ENG 101	3 hours
English Lit-Comp	5, 4	ENG 125	3 hours
Environmental Science	5, 4, or 3	HSC 156	3 hours
European History	5, 4, or 3	HIS 101 and 102	6 hours
Latin	5, 4, or 3	FOR Latin 116	4 hours
French Literature	5, 4, or 3	FOR French 220	3 hours
French Language	3	FOR French 115 and 116	8 hours
French Language	5 or 4	FOR French 112, 115 and 116	12 hours
German Language	3	FOR German 115 and 116	8 hours
German Language	5 or 4	FOR German 112, 115 and 116	12 hours
Spanish Language	3	FOR Spanish 115 and 116	8 hours
Spanish Language	5 or 4	FOR Spanish 112, 115 and 116	12 hours
Spanish Literature	5, 4, or 3	FOR Spanish 233.15	3 hours
Macro Economics and			
Micro Economics	5 or 4	ECO 105	4 hours
Calculus Test BC	5, 4, or 3	MAT 145 and 146	8 hours
Calculus Test AB	5	MAT 145 and 146	8 hours
	4 or 3	MAT 145	4 hours
Music Listening and			
Literature	5, 4, or 3	MUS 152	3 hours
Physics Test B	5, 4, or 3	PHY 108 and 109	10 hours
Physics Test C, Part I	5, 4, or 3	PHY 110	4 hours
Physics Test C, Part II	5, 4, or 3	PHY 111	4 hours
Psychology	5 or 4	PSY 111	3 hours
	5 or 4	PSY 110	3 hours
Statistics	5 or 4	MQM 100	3 hours
		ECO/GEO/POL/PSY 138	4 hours

ACADEMIC PROGRAM INFORMATION

Illinois State University offers a wide variety of academic majors and minors. From agribusiness to writing, students are able to select from diverse high-quality curricula that provide state of the art information and prepare students for living and working in the 21st century.

This section focuses on the academic side of university life. First, the academic degrees, listed by College, are outlined. Second, course explanations are given to clarify the different formats possible for instruction. Next, a listing of courses and programs offered on a university-wide basis for students in any major is provided. Lastly, a comprehensive listing of the requirements for specific majors is provided by college, department, and school.

UNIVERSITY-WIDE PROGRAMS

Cognitive Science: (undergraduate minor)
 Disability Studies (undergraduate minor)
 Environmental Studies (undergraduate minor)
 Ethnic and Cultural Studies: (undergraduate minor)
 Honors
 Interdisciplinary Studies: B.A., B.S.
 International Studies: (undergraduate minor)
 Latin American Studies: (undergraduate minor)
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Teacher Education
 Tourism Studies (undergraduate minor)
 Urban Studies (undergraduate minor)
 Women's Studies: (undergraduate minor)

EXCHANGE PROGRAMS

International
 National

DEPARTMENTAL AND SCHOOL PROGRAMS LISTED BY COLLEGE

College of Applied Science and Technology

Agribusiness: B.S., M.S.
 Agriculture: B.S.
 Applied Computer Science: B.S., M.S.
 Clinical Laboratory Science: B.S.
 Community Health Education: (undergraduate minor)
 Criminal Justice Sciences: B.A., B.S., M.A., M.S.
 Environmental Health: B.S.
 Environmental Health and Safety: M.S.
 Exercise Fitness (undergraduate minor)
 Family and Consumer Sciences: B.A., B.S., M.A., M.S.
 Health, Physical Education, and Recreation: M.S.
 Health Education: B.S., B.S. in Ed.
 Health Information Management: B.S.

Information Systems: B.S.
 Industrial Technology: B.S., M.S.
 Military Science: (undergraduate minor)
 Physical Education: B.A., B.S., B.S. in Ed.
 Recreation and Park Administration: B.S.
 Safety: B.S.
 Technology Education: B.S.
 Telecommunications Management: B.S.
 Tourism Studies: (undergraduate minor)

College of Arts and Sciences

Anthropology: B.A., B.S.
 Applied Economics: M.A., M.S.
 Biochemistry/Molecular Biology: B.S.
 Biological Sciences: B.S., M.S., Ph.D.
 Chemistry: B.S., M.S.
 Cognitive Science: (undergraduate minor)
 Communication: M.A., M.S.
 Comparative Literature (undergraduate minor)
 East Asian Studies: (undergraduate minor)
 Economics: B.A., B.S.
 English: B.A., B.S., M.A., M.S.
 English Studies: Ph.D.
 Environmental Studies (undergraduate minor)
 Foreign Languages: M.A. and undergraduate major in French, German, and Spanish.
 Foreign Languages in the Elementary School: (undergraduate minor)
 French: B.A.
 Geography: B.A., B.S.
 Geohydrology: M.S.
 Geology: B.S.
 German: B.A.
 Gerontology: (undergraduate minor)
 History: B.A., B.S., M.A., M.S.
 Historical Archaeology, M.A., M.S.
 Instructional Media: (undergraduate minor)
 Journalism Teacher Education (undergraduate minor)
 Latin: (undergraduate minor)
 Latin American Studies: (undergraduate minor)
 Legal Studies: (undergraduate minor)
 Mass Communication: B.A., B.S.
 Mathematics: B.A., B.S., M.A., M.S.
 Mathematics Education: Ph.D.
 Peace and Conflict Resolution Studies: (undergraduate minor)
 Philosophy: B.A., B.S.
 Physics: B.S.
 Political Science: B.A., B.S., M.A., M.S.
 Psychology: B.A., B.S., M.A., M.S.
 Public Relations: B.A., B.S.
 Religious Studies: (undergraduate minor)
 School Psychology: S.S.P., Ph. D.
 Social Sciences Education: B.A., B.S.
 Social Work: B.A., B.S., M.S.W.
 Sociology: B.A., B.S., M.A., M.S.

Spanish: B.A.
 Speech Communication: B.A., B.S.
 Speech Pathology and Audiology: B.S., M.A., M.S.
 Teaching English to Speakers of Other Languages:
 (undergraduate minor)
 Tourism Studies (undergraduate minor)
 Urban Studies: (undergraduate minor)
 Women's Studies: (undergraduate minor)
 Writing: M.A., M.S., and (undergraduate minor)

College of Business

Accounting: B.S., M.S., Integrated B.S./M.P.A.
 Business Administration: B.S., M.B.A.
 Business Teacher Education: B.A., B.S., B.S. in Ed.
 Consumer Education: (undergraduate minor)
 Finance: B.S.
 Insurance: B.S.
 International Business: B.A., B.S.
 Management: B.S.
 Marketing: B.S.

College of Education

Curriculum and Instruction: M.S., M.S.Ed., Ed.D
 Disability Studies (undergraduate minor)
 Early Childhood Education: B.S., B.S. in Ed.
 Educational Administration: M.S., M.S. Ed., Ed.D., Ph.D.
 Elementary Education: B.S., B.S. in Ed.
 Instructional Technology: M.S.
 Middle Level Teacher Education: B.S., B.S. in Ed.
 Reading: M.S.Ed. and (undergraduate minor)
 Special Education: B.S., B.S.Ed., M.S., M.S.Ed., Ed.D.

College of Fine Arts

Art: B.A., B.S., B.F.A., M.A., M.S., M.F.A.
 Arts Technology: B.A., B.S., M.S.
 Cinema Studies (undergraduate minor)
 Dance (undergraduate minor)
 Music: B.A., B.S., M.M., M.M.Ed.
 Music Education: B.M.E.
 Music Performance: B.M.
 Theatre: B.A., B.S., M.A., M.S., M.F.A.

Mennonite College of Nursing

Nursing: B.S.N., M.S.N., Post Master's Family
 Nurse Practitioner Certification

Program and Course Explanations

UNITS OF INSTRUCTION

Major: A cohesive combination of courses, including introductory, intermediate, and advanced course work that designates a student's primary area of specialization. Majors are designated on University transcripts.

Minor: A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts.

Sequence: A subdivision of a major in which there are specific requirements. Sequences of the same major generally share a common core within a major. Sequences are designated on University transcripts.

Concentration: A subdivision of a major without specific requirements that is provided for advisement only. Concentrations are not designated on University transcripts. All informal curricular recommendations made by departments and schools (such as emphases, tracks, areas of study, specializations, etc.) should be considered concentrations. Concentrations are advisory only; no approval process is required.

COURSE OFFERINGS

Extension courses: Typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Internet courses: Makes use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize on-line materials, courseware, and discussion groups, and may be delivered in any asynchronous mode.

Interactive Television (ITV): These courses originate on site at Illinois State and are broadcast to one or more distant sites in real time with interactive audio/video.

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

Independent Study: Intensive study in a special area of the student's interest under the direction of a qualified member of the faculty. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Seminar: A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Topics Course: An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. Each topic is of sufficient significance to be treated separately as a unit of instruction for an entire semester or term. The content of the course varies by semester.

Temporary Course: Temporary courses are approved by the curricular committees for a time period not to exceed three years. Temporary courses often are used to experiment with a new curricular design, to take advantage of the skills of a faculty member who will be at the University for a limited period, or to respond to particular interests of students. Temporary courses are designated by the numbers 189, 289, 389, 489, and 589.

Workshop: Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses. Workshops are designated by the numbers 193, 293, 393, 429, and 493.

Institute: Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Institutes are designated by the number 397.

Professional Practice: Professional Practice consists of one or more credit-generating, academic/career related, salaried or non-salaried work experiences. Professional Practice work sites are located on the Illinois State University campus and with business, industry, government, and other agencies and organizations outside the University. Professional Practice courses are designated by the numbers 198, 298, 398, 498, and 598.

COURSE INFORMATION

The University operates on the semester plan. The credit value of all courses is stated in terms of semester hours. Ordinarily, a semester hour is assigned for a 50-minute class meeting per week for the semester; therefore, a course valued at three semester hours generally meets three periods weekly. In laboratory courses, at least two 50-minute periods per week are ordinarily required for each semester hour of credit.

Course Availability: Some courses listed in the *Undergraduate Catalog* may not be available each year. Students should consult the *Class Registration Directory* for class availability. Questions concerning scheduling of courses should be referred to the department chairperson or the school director.

COURSE NUMBERING

Each course bears a distinguishing number for identification and indication of its academic level. The numbering system is as follows:

100-199 Lower-division undergraduate courses, primarily for freshmen and sophomores.

200-299 Upper-division undergraduate courses, primarily for juniors and seniors. A student normally should have completed at least 45 semester hours before enrolling in a course at this level.

300-399 Advanced undergraduate courses. Open to juniors, seniors, and sometimes graduate students. A student normally should have completed at least 75 semester hours before enrolling in a course at this level.

400-499 Graduate courses. See the *Graduate Catalog*. Courses at this level are for graduate students. In exceptional instances, a senior may receive permission to enroll for undergraduate credit in a course at this level. Seniors may be permitted to begin graduate work if they meet the conditions of the Senior in Good Standing Policy as described in the *Graduate Catalog*.

500-599 Courses limited to advanced graduate or doctoral students.

COURSE DESCRIPTIONS

The following information is given for each course: course number (three or five digits preceding the title); course title; credit value in semester hours; and F for fall and S for spring to indicate the semester for which a course is planned as an offering during the current academic year. The University, however, may cancel or add scheduled course offerings after publication of this *Undergraduate Catalog* depending upon the adequacy of enrollment and availability of faculty. Following the above information, any prerequisites, restrictions on enrollment, and any special considerations are noted in italics. A course prerequisite is knowledge or experience a student is required (req) or recommended (rec) to have prior to enrolling in a course.

Sample Course Listing:

102 MUSIC THEORY

2 S

MUS 101 or cons Theory Coord req.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

The course number, "102," indicates that the course is primarily for freshmen and sophomores. The digit "2," following the title, indicates the credit value in semester hours. "S" indicates that the course is to be offered during the spring semester. The italicized lines under the course title indicate the required background for enrolling in the course. In the example given, a student must have passed Music 101 or have

consent of the Coordinator of Music Theory prior to enrollment in 102. Course title revisions are indicated by a "formerly" statement. A brief description of the course is provided in the paragraph following the prerequisites. Additional information about the course is available in the particular departmental office.

DEPARTMENTAL ABBREVIATIONS

The following abbreviations for departmental offerings are used both in the program requirement descriptions and in the course descriptions throughout the *Undergraduate Catalog*. They are also identical with those used in the *Class Registration Directory*.

ACC	Accounting
AGR	Agriculture
ACS	Applied Computer Science
ANT	Anthropology
ART	Art
BSC	Biological Sciences
BTE	Business Education
BUS	Business Core
CHE	Chemistry
COM	Communication
CJS	Criminal Justice Sciences
C&I	Curriculum and Instruction
ECO	Economics
EAF	Educational Administration and Foundations
ENG	English
FCS	Family and Consumer Sciences
FIL	Finance, Insurance, and Law
FOR	Foreign Languages
GEO	Geography-Geology
HIS	History
HSC	Health Sciences
IDS	Interdisciplinary Studies
INB	International Business
IS	International Studies
KNR	Kinesiology and Recreation
MAT	Mathematics
MKT	Marketing
MQM	Management and Quantitative Methods
MSC	Military Science
MUS	Music
NUR	Nursing
PAS	Speech Pathology and Audiology
PHI	Philosophy
PHY	Physics
POL	Politics and Government
PSY	Psychology
SED	Special Education
SOC	Sociology
SWK	Social Work
TEC	Technology
THE	Theatre
WS	Women's Studies

COURSE INFORMATION AND ABBREVIATIONS

May be repeated indicates that a course may be taken for credit more than once if different content is planned; however, there may be a maximum amount of credit specified for the course.

Variable credit courses are those courses leading to differing number of hours. A student should plan with the advisor the number of hours to be sought.

Conc reg req (or rec) means that concurrent registration in two courses is required (or recommended).

Incl Clin Exp indicates that certain Clinical Experiences in the student's field are required in the course.

Cons inst means consent of the instructor.

Cons dept chair means consent of the chairperson of the department offering the course.

Cons sch dir means consent of the director of the school offering the course.

Not for cr maj/min means that the credit from this course may not be applied to the major or minor program requirements.

Not for cr if had (course) means that content overlap exists between the specified courses and that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements. Credit can only be earned in one of the specified courses.

Materials charge optional indicates an optional fee charge for course materials.

DEGREE REQUIREMENTS

Baccalaureate Degree Programs

Undergraduate degrees available at Illinois State University include the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Music Education degrees. When applying for graduation, the student indicates the specific degree which he or she is qualified to receive. Other requirements are specified for each degree below.

Statement of Purpose for the Bachelor of Arts (B.A.) Degree: The Bachelor of Arts degree provides for the acquisition of written and oral communication skills, creative thinking, abilities in the critical analysis of texts, the understanding of cultures, and a working knowledge of social, political, and historical contexts. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed toward the humanities, arts, and selected areas of discipline in the social sciences.

Statement of Requirements for the Bachelor of Arts (B.A.) Degree: Students pursuing the Bachelor of Arts degree will acquire knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or the equivalent) in addition to General Education Program requirements, general requirements for graduation; and major field of study requirements.

Statement of Purpose for the Bachelor of Science (B.S.) Degree: The Bachelor of Science degree provides for the acquisition of oral and written communication skills and the acquisition of analytical skills for examining and solving problems. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed towards the natural sciences, mathematics, statistics or a technological field.

Statement of Requirements for the Bachelor of Science (B.S.) Degree: Students pursuing the Bachelor of Science degree will acquire increased knowledge of the natural sciences, mathematics, statistics, and/or technology as demonstrated by the successful completion of an additional three-hour course, beyond those required for General Education; other General Education Program requirements; general requirements for graduation;

and major field of study requirements. The course is to be selected from an approved list of courses from natural sciences, mathematics, statistics, and technology.

Statement of Purpose for the Bachelor of Science in Education (B.S. in Ed.) Degree: The Bachelor of Science in Education degree encourages acquisition of communication skills, development of analytical skills for examining and solving problems, and the understanding of cultures with special emphasis on application to the art and science of teaching. The degree is typically pursued by those students interested in the teaching profession.

Statement of Requirements for the Bachelor of Science in Education (B.S. in Ed.) Degree: Students pursuing a Bachelor of Science in Education degree will acquire increased knowledge and develop skills related to professional standards established by NCATE through the successful completion of General Education requirements; professional education requirements; approved teacher education major requirements; and general requirements for graduation.

Statement of Purpose for the Bachelor of Science in Nursing (B.S.N.) Degree: The Bachelor of Science in Nursing degree provides graduates with knowledge and skills in communication, critical thinking for analyzing and solving problems, and an understanding of the societal changes that impact on health care. Courses from the humanities, psychology, physical and social sciences, as well as the use of technology, provide a foundation for scientific inquiry and application of nursing knowledge and theories to diverse populations and settings.

Statement of Requirements for the Bachelor of Science in Nursing (B.S.N.) Degree: General Education requirements; general requirements for graduation; and nursing field of study requirements.

Statement of Purpose for the Bachelor of Fine Arts (B.F.A.) Degree: The Bachelor of Fine Arts degree encourages the acquisition and display of talent in the arts, with special emphasis on aesthetic performance and understanding. The degree is typically pursued by individuals interested in the creative and fine arts.

Statement of Requirements for the Bachelor of Fine Arts (B.F.A.) Degree: General Education Program requirements; general requirements for graduation; and art field of study requirements for B.F.A. degree.

Statement of Purpose for the Bachelor of Music (B.M.) Degree: The Bachelor of Music degree encourages the acquisition and display of talent in music, with special emphasis on aesthetic performance and understanding. This degree is typically pursued by individuals interested in music performance.

Statement of Requirements for the Bachelor of Music (B.M.) Degree: General Education requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Statement of Purpose for the Bachelor of Music Education (B.M.E.) Degree: The Bachelor of Music Education degree encourages the acquisition and display of talent in music, with the special emphasis on teaching music. This degree is typically pursued by individuals interested in teaching music.

Statement of Requirements for the Bachelor of Music Education (B.M.E.) Degree: General Education requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and professional education requirements.

GENERAL REQUIREMENTS FOR GRADUATION

The following graduation requirements apply to all students. Meeting graduation requirements is the individual responsibility of each student. The student and advisor should check the student's program of courses frequently to ensure that the student is fulfilling the following graduation requirements (all references to hours are to semester credit hours).

- A. **Total Hours:** The actual hour requirement for an undergraduate degree varies by the program or combination of programs that a student elects. A student must have a minimum of 120 hours of credit acceptable toward graduation. Some courses may not count toward graduation. These restrictions are noted in the course descriptions. Some curricula or combinations of fields require additional hours. If all specified requirements are completed with fewer than 120 hours, a student must elect sufficient course work to total at least 120 hours.
- B. **Specific B.A./B.S. Requirements:** There are a variety of baccalaureate degrees. Students graduating from B.A. or B.S. degree programs must

meet specific requirements beyond major and other graduation requirements. Students pursuing the B.A. degree will acquire knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or equivalent). Students pursuing the B.S. degree will complete one additional three-hour natural science, mathematics, statistics, or technology course selected from an approved list beyond their General Education Program requirements. The listing of approved courses follows in the next section.

- C. **General Education:** There are three ways to complete General Education requirements at Illinois State University. The first way is to complete Illinois State's General Education Program. The General Education Program requires 15 courses and 45 semester hours within a structured, three-tiered system. The Inner Core requires completion of 6 courses; the Middle Core requires completion of 5 courses; and the Outer Core, 4 courses.

The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program, designed for transfer students, is a statewide agreement between participating colleges and universities and some private schools that is designed to facilitate timely degree completion. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these requirements satisfies General Education requirements irrespective of participating institutions at which courses are taken.

The third way is to complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited post secondary institution. These students will be admitted to Illinois State with junior standing and all General Education requirements completed.

- D. **Major-Minor Options:** All students who are candidates for B.S. or B.A. degrees must complete a major field of study. Completion of a second major, a minor, or a second minor is optional unless specified by the student's major. Teacher education students who are candidates for a B.S., B.A., B.S. in Ed., or B.M.E. degree must complete professional education requirements and a major approved for teacher education. Some teacher education programs require the completion of requirements for a second teaching field. A student may count no more than nine hours from a major program or a second major of study toward a minor or a second minor within the same department or school.

- E. Senior College Hours:** The senior college hours (courses numbered 200 or above) must total at least 42 hours. Coursework transferred from other colleges and universities is not counted as senior college credit if freshmen and sophomores are regularly permitted to enroll in such work. No credit from two-year colleges may be counted as senior level.
- F. Grade Point Average:** Unless otherwise specified in a specific program, the grade point average for all courses taken at Illinois State University must be 2.0 (C) or higher. In addition, the student must have a grade point average of 2.0 (C) or higher in the courses required in the major and the minor if the student has a minor.
- G. Removal of Incompletes:** Students may not graduate with an incomplete grade on their record. Each Incomplete grade (I) must be removed at least six weeks before December or May commencement or two weeks before August graduation if the course is to be used in meeting graduation requirements.
- H. Residence Requirements:** Unless otherwise specified in a specific program, at least 30 of the last 60 hours completed toward the baccalaureate degree must be earned at Illinois State.
- I. Constitution Examination:** Each student must pass an examination on the Constitution of the United States, the Constitution of the State of Illinois, and the proper use of the American flag. The examination is given on different dates throughout the year. A student may meet this requirement by successful completion of POL 105 or any course in the Middle Core: Individuals and Civic Life of the General Education Program at Illinois State University. Students who transfer in a course equivalent to POL 105 from an accredited college or university in Illinois will be considered to have met both the constitution of the United States and the State of Illinois test requirements. Students who transfer in a course equivalent to POL 105 from a United States institution outside of Illinois will be considered as having met only the examination on the Constitution of the United States. That student may meet the requirement of the Illinois Constitution by passing the examination or completing POL 221 at Illinois State, by transferring the equivalent of POL 221 from another accredited Illinois college or university, or by presenting certification of having passed an appropriate examination on the Constitution of the State of Illinois at another accredited Illinois college or university.
- J. University Writing Examination:** Each student must demonstrate writing competence by

passing the University Writing Examination. The examination should be taken after the completion of 45 semester hours and before the completion of 75 semester hours. At least 15 semester hours must have been completed since the satisfaction of the freshman English requirement. Transfer students with more than 75 semester hours must take the examination before the end of their first term at Illinois State University. A fee will be charged to cover the cost of the examination. In order to take the examination, students must register for English 189.99. Students will be enrolled for the limited number of examination seats available each semester on a first-come, first-served basis. In order to avoid delaying their graduation, students are strongly advised to register for the examination as soon as they become eligible.

- K. Global Studies Requirement:** All students graduating from Illinois State University must have successfully completed a course designated as a course in the cultures and traditions of societies or peoples from Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World. For students under the Illinois State University General Education Program, this course should be selected from the Outer Core courses designated to meet the Global Studies requirement.
- L. Professional Practice and Independent Study:** A student may count no more than 16 hours of professional practice courses (98's) toward graduation. A student may count no more than 6 hours of independent study (287) credit toward graduation.

Bachelor of Science Graduation Requirement in Science, Mathematics and Technology:

Students with a B.S. degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from inner core courses in mathematics and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites.

The following list of courses meet the graduation requirement for Science, Mathematics and Technology.

ACS 115 Reasoning about Complex Systems
 ACS 165 Computer Programming for Scientists
 AGR 157 Soil Science
 AGR 203 Agriculture and the Environment
 AGR 282 Livestock Health and Diseases
 AGR 315 Financial Management and Analysis
 AGR 363 Agricultural Experimentation
 BSC 145 Human Biology
 BSC 160 Microbiology and Society
 BSC 170 Genetics and Society
 BSC 201 Ecology
 BSC 202 Human Ecology
 BSC 211 Economic Botany
 BSC 219 Genetics
 BSC 221 Plant Structure and Function
 BSC 222 Plant Diversity
 BSC 223 Ecology and Identification of Plants
 BSC 292 Invertebrate Zoology
 BSC 295 Comparative Vertebrate Anatomy
 CHE 141 General Chemistry II
 CHE 204 Chemistry of Life
 CHE 220 Elementary Organic Chemistry
 CHE 230/231 Organic Chemistry I
 CHE 280 Environmental Chemistry
 ECO/GEO/POL/PSY 138 Social Science
 Reasoning Using Statistics
 ECO 238 Using Econometrics
 FIL 240 Business Finance
 GEO/ECO/POL/PSY 138 Social Science
 Reasoning Using Statistics
 GEO 202 Evolution of the Earth
 GEO 209 Essentials of Ocean Science
 GEO 280 Mineralogy
 KNR 282 Biomechanics of Human Movement
 TEC 111 Fundamentals of Power Technology
 TEC 143 Introduction to Electronics For Data
 Communication
 TEC 313 Statistical Quality Control
 MAT 121 Applied Calculus
 MAT 146 Calculus II
 MAT 147 Calculus III
 MAT 160 Elementary Discrete Mathematics
 MAT/POL 162 Conflict, Cooperation, and
 Strategic Decision-Making
 MAT 175 Elementary Linear Algebra
 MQM 100 Statistical Reasoning
 MQM 227 Operations Management
 PHI 112 Language, Logic, and Mathematics
 PHY 109 College Physics II
 PHY 111 Physics for Scientists and Engineers II
 PHY 117 Numerical Reasoning in Nature and
 Technology
 PHY 205 Origin of the Universe
 PHY 206 Chaos and Complexity
 PHY 207 Energy and Society
 POL/ECO/GEO/PSY 138 Social Science
 Reasoning Using Statistics
 POL/MAT 162 Conflict, Cooperation, and
 Strategic Decision-Making
 PSY/ECO/GEO/POL 138 Social Science
 Reasoning Using Statistics
 SOC 275 Social Statistics

Global Studies Graduation Requirement:

Students must have completed at least one course in Global Studies (that is, cultures and traditions of Asia, the Middle East, Africa, Latin America or Indigenous Peoples of the World), which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course content must deal directly with the culture(s) from these regions); (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between culture(s) under consideration and American culture; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

The following list of courses meet the graduation requirement for Global Studies.

ANT 185 Cultures of the World*
 ANT 270 Cross Cultural Perspective of Women,
 Sex Roles, and Gender
 ANT 279 Magic, Witchcraft, and Religion
 ANT 283 North American Archaeology
 ART 275 World Arts: Visual Arts*
 CJS 369 World Criminal Justice Systems
 ENG/FOR 206 Cultural Expressions in Social
 Contexts: Women of Asia, Latin America and
 Africa*
 FOR 244 Civilizacion Hispanoamericana
 GEO 135 World Geography*
 GEO 235 Geography of Emerging Areas*
 HIS 104 History of Asia, Middle East, Africa,
 Latin America, or Indigenous Peoples*
 HIS 125 History of East Asian Civilizations
 HIS 127 History of Latin America
 HIS 128 Introduction to African History
 HIS 263 Modern Mexico
 HIS 265 African Civilization
 HIS 266 Modern Africa
 HIS 275 History of Japanese Civilization
 IDS 203 Nations and Narrations*
 MUS 275 World Arts: Music*
 PHI 207 Indian Philosophy
 PHI 208 Buddhist Philosophy
 POL 140 Introduction to the Politics of Africa,
 Asia, and Latin America*
 POL 240 Latin American Politics
 POL 245 Asian Politics
 POL 246 African Politics
 POL 247 Middle Eastern Politics
 POL 345 Topics in Asian Politics
 POL 349 Topics in Middle East Politics
 THE 275.01 World Arts: Theatre*
 THE 275.02 World Arts: Film*

*Global Studies courses approved for Outer Core

GRADUATION PROCEDURES

Application for Graduation: During the early part of his or her senior year, the student must submit an Application for Bachelor's Degree to the Office of Undergraduate Evaluations. Each student should apply for graduation on or before the date specified in the *Class Registration Directory* and in the University Calendar. The student pays a \$20 graduation fee when applying for graduation, unless the fee is covered by a state scholarship.

Academic Progress Summary: The Academic Progress Summary (APS) is an assessment of the student's academic progress toward completion of requirements for the bachelor's degree. This summary may be requested by the student at the Student Service and Referral Center, 107 Moulton Hall, Campus Box 2202.

For those programs requiring special audit considerations, a senior evaluation will be prepared after the student has submitted the Application for Bachelor's Degree.

To determine specific program requirements (in addition to the general requirements for graduation stated above), students should consult the following sections of the *Undergraduate Catalog*: (1) the General Education requirements; (2) the specific requirements for the major and minor fields of study; and, if the student seeks teacher certification, (3) the University-wide Teacher Education program requirements in the *Undergraduate Catalog*.

Commencement: Degrees are conferred and diplomas awarded after the close of each semester and the summer session. Commencement exercises are held in December and May at the end of the semester. Undergraduate students completing degree requirements during the fall semester participate in Commencement exercises in December; students completing degree requirements during the spring semester or at the close of the summer session following May Commencement may participate in Commencement exercises in May.

Degrees with Distinction: A student must have completed at least 50 semester hours at Illinois State University to be eligible for a degree with distinction. Students who have an accumulated GPA of 3.90 through 4.00 are graduated *summa cum laude*; those with a GPA of 3.80 through 3.89 are graduated *magna cum laude*; and those with a GPA of 3.65 through 3.79 are graduated *cum laude*.

Students' ability to be recognized at commencement ceremonies is based on the cumulative GPA calculated during the semester prior to graduation. Transcript notations of graduating *cum laude*, *magna cum laude*, and *summa cum laude* are based on the total GPA, including the final semester prior to graduation.

Students who qualify for degrees with distinction wear a neck cord as part of their academic gown at Commencement, their names appear in the Commencement program as being awarded degrees with distinction, and they are acknowledged at graduation.

GENERAL EDUCATION

General Education Requirements

General education provides students with a broad, common foundation of study upon which to build an undergraduate education. The program develops skills of oral and written communication, logical and scientific reasoning, computer usage, and quantitative analysis. Courses in general education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues. Students are normally expected to complete their general education requirements in their freshmen and sophomore years.

GENERAL EDUCATION REQUIREMENT OPTIONS

There are three ways to complete general education requirements for Illinois State. These three General Education programs have different requirements and affect only certain types of students.

I. The first way is to complete Illinois State University's General Education Program. The General Education Program requires 15 courses and 45 semester hours within a structured three-tiered system, explained fully in the section, **General Education Program-Illinois State University**.

The following categories of students must complete the Illinois State University General Education Program requirements:

1. Beginning Freshmen (see Admissions section of this catalog for complete definition).
2. Students who were admitted as beginning freshmen at Illinois State University, who were readmitted and who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from an Illinois public community college and are not eligible for an earlier catalog.
3. Transfer Students who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution and who are not eligible to complete the Illinois Transferable General Education core curriculum described below.

II. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program is a statewide agreement between participating public colleges and universities and some private schools that is designed to facilitate timely degree completion for students who transfer between institutions. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these courses at any participating institution satisfies general education requirements. The IAI Transferable Core is presented in the section entitled **General Education- Illinois Articulation Initiative**. (More information about this system and participating institutions can be found at the following Web site address: www.iTransfer.org.)

The following category of students may complete the Illinois Transferable General Education Core Curriculum:

1. Transfer students (See Admissions section of this catalog for a complete description) who began the Illinois Transferable General Education Core Curriculum at a participating IAI institution and transferred to Illinois State may choose to complete the program by enrolling in Illinois State approved IAI courses.
2. Transfer students who have completed at least one transfer course that is articulated to an IAI core requirement.
3. Students who have completed the Illinois Transferable General Education Core Curriculum at a participating IAI institution are considered to have met Illinois State University's General Education requirement.

III. There is also a third way in which general education requirements can be met.

Students who transfer with a completed baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution are considered to have satisfied Illinois State University's General Education Program requirements.

Any transfer student may choose to complete Illinois State University's General Education Program.

Illinois State University offers several study abroad programs that feature a wide variety of general education classes. Students sometimes chose to spend a semester during their sophomore year at a number of locations in Europe gaining cultural understanding and global skills while taking a full load of general studies courses all of which apply to their programs. Interested students should contact their academic advisor or the Office of International Studies and Programs.

General Education Program— Illinois State University

The General Education Program at Illinois State University is an integrated set of courses that focus on the development of communication and problem-solving skills and abilities, such as persuasion, listening, argumentation; logical and quantitative thinking, and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major.

The premise of the General Education Program is that education should be a developmental process and not simply an assimilation of a prescribed set of facts. The program's overall structure is designed to ensure that developmental objectives are achieved through the coherent and sequential interrelationship of courses. Inner Core courses provide basic knowledge and skills upon which Middle Core courses build, and those courses in turn prepare students for courses in the Outer Core. Therefore, students are expected to take most Inner Core courses before they enroll in Middle Core courses and to complete the Inner Core and most of the Middle Core before enrolling in Outer Core courses.

The complete General Education Program consists of 15 courses and 45 semester hours, which is approximately one-third of the total credits required for graduation.

Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses.

While some specific courses are important to take as part of preparation for a major (such as certain mathematics or science courses), the choices of which course to take in each category are decisions for *students* to make. Students are encouraged to choose courses that will give them the broadest possible general education and to explore and challenge themselves through their course choices.

Cross-listed Course Policy: Courses offered by more than one department or school, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department or school through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

The Illinois State University General Education Program consists of a 15-course requirement outlined as the following:

Inner Core (6 courses):

- 3 required courses taken by all students;
- 1 course chosen from a four course mathematics category; and
- 2 courses chosen from a four course natural science category.

Middle Core (5 course categories):

- 5 courses, one chosen from each course category.

Outer Core (4 courses; one each of four disciplines):

- 4 courses with the four courses spread across the four disciplines; and with at least one of the courses chosen from those whose content focuses on the cultures of Asia, the Middle-East, Africa, Latin America, or the indigenous peoples of the world (Global Studies/AMALI).

Students must comply with the following requirements:

- complete the General Education Program through completion of at least 15 courses and 45 semester hours, as designated in the program description.
- count no more than three semester hours of General Education Middle and Outer Core courses from their major department or school toward General Education credit.
- No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

IDS 100, Foundations of Inquiry serves as the prerequisite or corequisite for all Inner Core courses and the prerequisite for all Middle and Outer Core courses. Students transferring in more than 30 hours of AP and/or transfer credit may have the IDS 100 Foundations of Inquiry course requirement waived. These students will have only 5 courses and 15 semester hours in the Inner Core and will be required to complete an additional Middle Core or Outer Core course to satisfy the requirement of 15 courses and 45 semester hours of General Education credit.

General Education Course Requirements

INNER CORE GENERAL INFORMATION

Foundations of Inquiry (IDS 100) involves students in a systematic investigation of the nature, methods, and purposes of knowing and how it is manifested in different disciplinary and cultural contexts. The course offers an introduction to intellectual inquiry and provides a foundation of skills, knowledge, and attitudes for the entire undergraduate curriculum.

Other Inner Core courses emphasize the acquisition of specific academic skills in language, mathematics, and science. The content and teaching of these courses are closely coordinated with Foundations of Inquiry.

A total of six courses are required in the Inner Core. Students take IDS 100, Foundations of Inquiry, the first semester of their freshman year. Students take either ENG 101, Language and Composition, or COM 110, Language and Communication, the first semester of their freshman year and the other course the second semester of their freshman year. The mathematics and natural science requirements are to be completed during the freshman year, or as early as possible in the first two years.

Inner Core Course Listing

(all 3 courses required) [IC]

IDS 100	Foundations of Inquiry	(GE 01)
ENG 101	Language and Composition	(GE 02)
COM 110	Language and Communication	(GE 03)

Mathematics (1 course required) [IC-M]

MAT 111	Data and Chance	(GE 04)
MAT 120	Finite Mathematics	(GE 04)
MAT 130	Dimensions of Mathematical Problem-Solving	(GE 04)
MAT 145	Calculus I	(GE 04)

Natural Sciences (2 courses required) [IC-NS]

BSC 101	Fundamental Concepts in Biology	(GE 11)
CHE 102	Chemistry and Society	(GE 12)
GEO 102	Principles of Geology	(GE 13)
PHY 102	Atoms to Galaxies	(GE 14)

A student may substitute these alternative science-laboratory courses for General Education credit in Natural Sciences. For students enrolled in any major program that requires one or more of

the following courses, these courses are especially appropriate. Students must complete at least one course each from two different sciences, regardless of whether the courses are in the IC-NS or IC-NSA category.

Natural Science Alternatives [IC-NSA]

BSC 196	Biological Diversity	(GE 11)
BSC 197	Molecular and Cellular Basis of Life	(GE 11)
CHE 110/112	Fundamentals of Chemistry and Laboratory	(GE 12)
CHE 140	General Chemistry I	(GE 12)
PHY 105	Fundamentals of Physics	(GE 14)
PHY 108	College Physics I	(GE 14)
PHY 110	Physics for Science and Engineering I	(GE 14)

MIDDLE CORE GENERAL INFORMATION

These courses provide opportunities for the continued development of academic skills applied to a range of topics and involving a variety of disciplinary perspectives. There are five course categories in the Middle Core:

Quantitative Reasoning (MC-QR)
Language in the Humanities (MC-LH)
United States Traditions (MC-UST)
Individuals and Civic Life (MC-ICL)
Individuals and Societies (MC-IS)

A total of five courses are required in the Middle Core. Students complete one course from each of the five categories.

Middle Core Course Listing

Quantitative Reasoning (1 course required) [MC-QR]

Students pursuing a B.A. degree must complete the equivalent of Foreign Language 115 or higher rather than one of these courses.

ACS 115	Reasoning About Complex Systems	(GE 41)
ECO/GEO/ POL/PSY138	Social Science Reasoning Using Statistics	(GE 41)
MAT 121	Applied Calculus	(GE 41)
MAT 131	Geometric Reasoning: Geometry As Earth Measures	(GE 41)
MAT 146	Calculus II	(GE 41)
MAT/POL 162	Conflict, Cooperation, and Strategic Decision-Making	(GE 41)
MQM 100	Statistical Reasoning	(GE 41)
PHI 117	Language, Logic and Mathematics	(GE 41)
PHY 117	Numerical Reasoning in Nature and Technology	(GE 41)

Language in the Humanities (1 course required) [MC-LH]

COM/ENG/

FOR128 Gender in the Humanities (GE 42)

ENG/FOR 125 Literary Narrative (GE 42)

IDS 121 Texts and Contexts (GE 42)

IDS 254 Religions and Cultures (GE 42)

United States Traditions (1 course required) [MC-UST]

ENG/HIS 131 American Culture: Traditions and Texts (GE 43)

FCS/HIS/
SOC112 American Family: Change and Diversity (GE 43)

HIS/SOC 111 American Diversity: Contested Visions of U.S. Experience (GE 43)

Individuals and Civic Life (1 course required) [MC-ICL]

CJS 102 Individuals, Society, and Justice (GE 44)

PHI 104 The Ideal of Democracy (GE 44)

POL 101 Citizens and Governance (GE 44)

POL 106 U.S. Government and Civic Practices (GE 44)

Individuals and Societies (1 course required) [MC-IS]

AGR 201 Resources, Food and Society: A Global Perspective (GE 45)

ANT 175 Cross-Cultural Perspectives on Contemporary Human Problems (GE 45)

ECO 103 Individual and Social Choice (GE 45)

GEO 140 Human Geography (GE 45)

TEC/SOC 175 Living in a Technological World (GE 45)

PSY 110 Explaining Human Behavior (GE 45)

PSY/SOC 131 Social Psychology (GE 45)

SOC 108 Contemporary Social Problems in Global Perspective (GE 45)

WS 120 Women, Gender, and Society (GE 45)

OUTER CORE GENERAL INFORMATION

These courses give insight into the varied nature of disciplinary knowledge, introducing students to the ways that specific disciplines create knowledge and examining the interplay between disciplined inquiry and the larger world in which such inquiry takes place.

A total of 4 courses are required in the Outer Core. Students must complete one course chosen from each of four discipline groups: Science, Mathematics and Technology; Fine Arts; Humanities; and the Social Sciences. And, at least one of the four courses must be chosen from those designated to be about the cultures of Asia, the Middle-East, Africa, Latin America, or the indigenous peoples of the world (Global Studies/AMALI).

Outer Core Course Listing**Science, Mathematics, and Technology****(1 course required; either OC-KD/SMT or OC-DKCC/SMT)****Knowing in the Disciplines [OC-KD/SMT]**

BSC 160 Microbiology and Society (GE 61)

BSC 202 Human Ecology (GE 61)

CHE 204 Chemistry of Life (GE 61)

GEO 202 Evolution of the Earth (GE 61)

GEO 207 Natural Disasters (GE 61)

GEO 211 Earth's Dynamic Weather (GE 61)

HSC 156 Environmental Health in the 21st Century: Meeting the Global Challenge (GE 61)

IDS 265 Introduction to Cognitive Science: Computers, Minds, Brains and Robots (GE 61)

PHY 205 Origin of the Universe (GE 61)

PHY 207 Energy and Society (GE 61)

Disciplinary Knowledge in Cultural Contexts [OC-DKCC/SMT]

ACS 214 Social, Legal, and Ethical Issues in Information Technology (GE 81)

AGR 203 Agriculture and the Environment (GE 81)

BSC 145 Human Biology (GE 81)

BSC 170 Genetics and Society (GE 81)

FCS/KNR/

HSC 208 Dynamics of United States Contemporary Health Issues (GE 81)

TEC 275 Technology and Quality of Life (GE 81)

PHY 206 Chaos and Complexity (GE 81)

Social Sciences**(1 course required; either OC-KD/SS or OC-DKCC/SS)****Knowing in the Disciplines [OC-KD/SS]**

ANT 101 Human Origins (GE 64)

ANT/ENG/

FOR 143 Unity and Diversity in Language (GE 64)

GEO 135 World Geography ** (GE 74)

HIS 264 History of Women in North America (GE 64)

POL 140 Introduction to the Politics of Africa, Asia, and Latin America ** (GE 74)

PSY 113 Development Through the Life Span (GE 64)

SOC 240 People in Places: Understanding and Developing Community (GE 64)

SWK 125 Building Healthier Communities Through Community Involvement (GE 64)

Disciplinary Knowledge in Cultural Contexts **[OC-DKCC/SS]**

ANT 185	Cultures of the World**	(GE 94)
FCS 222	Cultural Diversity in Dress	(GE 84)
FCS 224	Enduring Issues for Couples and Families	(GE 84)
GEO 235	Geography of Emerging Areas**	(GE 94)
HSC 170	Safety and Society	
IDS 206	Geography and Politics of International Conflicts	(GE 84)

Fine Arts

(1 course required; either OC-KD/FA or OC-DKCC/FA)

Knowing in the Disciplines [OC-KD/FA]

MUS 152	Experiencing Music	(GE 62)
THE 152	Experiencing Theatre	(GE 62)

Disciplinary Knowledge in Cultural Contexts **[OC-DKCC/FA]**

ART 176	Arts and Society: Visual Arts	(GE 82)
ART 275	World Arts: Visual Arts**	(GE 92)
MUS 176	Arts and Society: Music	(GE 82)
MUS 275	World Arts: Music**	(GE 92)
THE 176.01	Arts and Society: Theatre	(GE 82)
THE 176.02	Arts and Society: Film	(GE 82)
THE 275.01	World Arts: Theatre**	(GE 92)
THE 275.02	World Arts: Film**	(GE 92)

Humanities

(1 course required; either OC-KD/H or OC-DKCC/H)

Knowing in the Disciplines [OC-KD/H]

ENG 229	Introduction to Literary Genres	(GE 63)
HIS 107	The Making of Europe	(GE 63)
IDS 207	Representation	(GE 63)
PHI 101	Basic Issues in Philosophy	(GE 63)
PHI 251	Visions of the Self: A Study of Minds and Persons	(GE 63)

Disciplinary Knowledge in Cultural Contexts **[OC-DKCC/H]**

ENG/FOR 206	Cultural Expressions in Social Contexts: Women of Asia, Latin America and Africa**	(GE 93)
ENG 261	Women's Literature in a Global Context	(GE 83)
FOR 106	Myth and Meaning	(GE 83)
FOR/HIS 119	Continuity and Change: Introduction to Western Culture	(GE 83)

HIS 104	History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples**	(GE 93)
IDS 203	Nations and Narrations **	(GE 93)
PHI 150	Science and Human Culture	(GE 83)
PHI 202	Sex, Values, and Human Nature	(GE 83)
PHI 224	Meaning and Religious Belief	(GE 83)
PHI 238	Rights and Wrongs	(GE 83)

**** Courses with Global Studies/AMALI designation, indicating a focus on cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.**

Codes used throughout the Illinois State University General Education Program include the following:

IC	Inner Core
IC-M	Inner Core-Mathematics
IC-NS	Inner Core-Natural Science
IC-NSA	Inner Core - Natural Science Alternatives
MC-QR	Middle Core - Quantitative Reasoning
MC-LH	Middle Core - Language and the Humanities
MC-UST	Middle Core - United States Traditions
MC-ICL	Middle Core - Individuals in Civic Life
MC-IS	Middle Core - Individuals and Societies
OC-KD/SMT	Outer Core - Knowing in the Disciplines/Science, Mathematics, and Technology
OC-KD/SS	Outer Core - Knowing in the Disciplines/Social Sciences
OC-KD/FA	Outer Core - Knowing in the Disciplines/Fine Arts
OC-KD/H	Outer Core - Knowing in the Disciplines/Humanities
OC-DKCC/SMT	Outer Core - Disciplinary Knowledge in Cultural Contexts/Science, Mathematics, and Technology
OC-DKCC/SS	Outer Core - Disciplinary Knowledge in Cultural Contexts/Social Sciences
OC-DKCC/FA	Outer Core - Disciplinary Knowledge in Cultural Contexts/Fine Arts
OC-DKCC/H	Outer Core - Disciplinary Knowledge in Cultural Contexts/Humanities

Global Studies/AMALI - courses that focus on the cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.

General Education Program— Illinois Articulation Initiative

The Illinois Articulation Initiative is a statewide agreement among the more than 100 public and some selected private four-year and two-year higher education institutions. The agreement is designed to facilitate students transferring between colleges and universities. The Illinois Transferable General Education Core curriculum consists of 12 to 13 courses, or 37 to 41 hours of credit, within a five-category designation. The general requirements are as follows:

Communication:	3 courses (9 credits)
Humanities and Fine Arts:	3 courses (9 credits)
Mathematics:	1 to 2 courses (3 to 6 credits)
Physical and Life Sciences:	2 courses (7 to 8 credits)
Social and Behavioral Sciences:	3 courses (9 credits)

IAI policy is presented on the Web site, www.iTransfer.org, and Illinois State University's implementation requirements are published below. Students who transfer out of Illinois State will be held to the requirements of their transfer institution.

Determination of General Education Option

New transfer students have the option of completing either Illinois State's General Education program or the Illinois Transferable General Education Core Program (IAI). **NOTE:** To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement.

ILLINOIS STATE IMPLEMENTATION OF IAI CORE

Transfer students who have satisfactorily completed some courses within the Illinois Transferable General Education Core are allowed to complete this program by enrolling in approved IAI courses at Illinois State.

Illinois State policies on CLEP credit will be used to meet Illinois Transferable General Education Core requirements.

If a student satisfactorily completes the objectives of a General Education Core area but earns fewer hours than required, the remaining hours for that area can be waived. However, students must complete the minimum of 12 courses, 37 hours and the number of courses required in each area of the

Core. Fractional hours can also be waived, but the minimum 37 hour total is still enforced.

For those students eligible to complete the Core, a transfer course articulated as an Illinois State University course approved for the Illinois Transferable General Education Core Curriculum will be utilized toward the Core. Any course from a participating school approved by an IAI curriculum panel may be used even if not articulated to an Illinois State course. Acceptance and placement of transfer credit from a non-participating IAI institution as an elective is only applicable to meet Illinois Transferable General Education Core (IAI) requirements at Illinois State University.

Effective May 1999, a student transferring to another institution, who has completed at least 37 semester hours, may request an audit, via a transcript request, of his or her records for completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the Illinois State transcript.

Students transferring to Illinois State are required to fulfill all University graduation requirements.

Illinois Articulation Initiative Course Requirements:

Regardless of category placement, a student may count no more than two courses from a single discipline to fulfill the General Education Core Curriculum requirements. Only one course assigned to an IAI course number may be used to fulfill a requirement.

Illinois State University courses approved for the IAI General Education Core are listed officially on the IAI Web site, www.iTransfer.org. The following list of courses is provided for convenience only. Some courses may have been added or deleted since the publication of this catalog.

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
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Communication

(3 courses, 9 semester hours)

A grade of C or better required in C1 900, ENG 101 and C1 901R ENG 145.

For students with appropriate preparation, Illinois State will waive a communication course. A minimum of 12 courses and 37 semester hours is still required.

C1 900 Writing Course Sequence	ENG 101 (3)
C1 901R Writing Course Sequence	ENG 145 (3)
C2 900 Oral Communication	COM 110 (3)

Mathematics

(1 course, 3 semester hours)

M1 900 College Level Calculus	MAT 121 (4)
	MAT 145 (4)
	MAT 146 (4)
	MAT 147 (4)
M1 902 General Education Statistics	ECO 138 (4)
	PSY 138 (4)
M1 903 Mathematics for Elementary Teaching I and II (limited to Elementary Education Majors)	MAT 152 (3)
M1 904 General Education Mathematics	MAT 105 (3)
M1 906 Finite Mathematics	MAT 120 (4)

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
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Physical Science and Life Sciences

(2 courses, 7 semester hours)

Students with appropriate preparation may substitute an initial course designed for science majors.

One Life Science and one Physical Science course required, of which one must be a lab (indicated by an L, e.s. P1 901L or L1 900L).

P1 900L General Education Physics	PHY 105 (4)
	PHY 108 (5)
P1 901L Physics and Society	PHY 102 (3)
P1 902 General Education Chemistry	CHE 110 (4)
P1 902L General Education Chemistry	CHE 112 (1)
	CHE 140 (4)
	CHE 204 (3)
P1 903L Chemistry and Society	CHE 102 (3)
L1 904 Human Biology	BSC 145 (3)
P1 906 Introduction to Astronomy	PHY 101 (3)
P1 907 Introduction to Geology	GEO 105 (3)
P1 907L Introduction to Geology	GEO 102 (3)
P1 909 Physical Geography	GEO 100 (3)
P2 900L Calculus-based Physics I	PHY 110 (4)
L1 900L General Education Biology	BSC 101 (3)
	BSC 196 (4)
L1 906 Heredity and Society	BSC 170 (3)

Humanities and Fine Arts

(3 courses, 9 semester hours)

One Humanities and one Fine Arts course required.

H1 900 Foreign Language IV	FOR 116 (4)
H1 900 Italian 2nd Year Part II	FOR 116.01 (4)

H1 900 French 2nd Year Part II	FOR 116.12 (4)
H1 900 German 2nd Year Part II	FOR 116.13 (4)
H1 900 Latin 2nd Year Part II	FOR 116.14 (4)
H1 900 Spanish 2nd Year Part II	FOR 116.15 (4)
H1 900 Chinese 2nd Year Part II	FOR 116.17 (4)
H1 900 Japanese 2nd Year Part II	FOR 116.18 (4)
H2 900 Foundations of Civilization	HIS 100 (3)
H2 901 Western Civilization I	HIS 101 (3)+++
H2 902 Western Civilization II	HIS 102 (3)+++
	FOR 119 (3)
	HIS 119 (3)
H2 904 American History	HIS 135 (3)+++
H2 905 U.S. History/Civilization II	HIS 136 (3)
H3 900 Introduction to Literature	ENG 104 (3)
H3 901 Introduction to Fiction	ENG 105 (3)
H3 905 Introduction to Shakespeare	ENG 122 (3)
H3 910D American Ethnic Literature	ENG 165 (3)
H3 911D Literature and Gender	ENG 160 (3)
	COM 128 (3)
	ENG 128 (3)
	FOR 128 (3)

H3 912 Survey of British Literature I	ENG 110 (3)
H3 914 Survey of American Literature I	ENG 130 (3)
H4 900 Introduction to Philosophy	PHI 101 (3)
H4 905 Philosophy of Religion	PHI 120 (3)
H9 901 Mythology	FOR 106 (3)
H9 903D American Culture/Civilization	ENG 131 (3)
	HIS 131 (3)

F1 903N Non-Western Music	MUS 156 (3)++
F1 905D Ethnic Traditions in American Music	MUS 153 (3)
	MUS 154 (3)
F1 908 History of Theatre	THE 151 (3)
F2 901 History of Western Art I	ART 155 (3)
F2 902 History of Western Art II	ART 156 (3)
F2 903N Non-Western Art	ART 140 (3)++
F2 905 Film History and Appreciation	THE 170 (3)

++ Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.

+++ Western Civilization (H2 901 or S2 902 and H2 902 or S2 903) and American/U.S. History (H2 904 or S2 900 or S2 901) can be used either as how it was approved for the school offering the course, or how the equivalent course at the receiving school was approved.

Social and Behavioral Science

(3 courses, 9 semester hours)

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Politics and Government (S5), Psychology (S6), Sociology (S7), Social Psychology (S8).

S2 906N History of Africa I	HIS 104.01 (3)++
S2 908N History of Asia and the Pacific I	HIS 104.02 (3)++

S2 910N History of Latin American I	HIS 104.03 (3)++	Government	POL 140 (3)
S2 918N History of Middle East I	HIS 104.04 (3)++	S6 900 General Psychology I	PSY 110 (3)
S3 900 Principles of Economics	ECO 105 (4)		PSY 111 (3)
S3 902 Principles of Microeconomics	ECO 101 (3)	S6 902 Life-Span Developmental Psychology	PSY 113 (3)
S4 900N Introduction to Human Geography	GEO 135 (3)++ GEO 140 (3)	S7 900 Introduction to Sociology	SOC 106 (3)
S4 903N Introduction to Economic Geography	GEO 150 (3)++	S7 901 Social Problems	SOC 108 (3)
S5 900 American/U.S. National Government I	POL 105 (3) POL 106 (3) POL 151 (3)++ POL 141 (3)	S7 902 Marriage and Family	FCS 224 (3)
S5 904N International Relations		S8 900 Social Psychology	PSY 131 (3) SOC 131 (3)
S5 905 Comparative Government			
S5 906N Non-Western Comparative			

++ Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.



UNIVERSITY-WIDE CURRICULUM

Illinois State University offers major and minor programs that allow students to synthesize knowledge that spans two or more academic disciplines. Each interdisciplinary program is directed by a faculty member. Faculty from across the University deliver courses within these programs. In addition, the University offers interdisciplinary (IDS) courses that transcend the boundaries of a single discipline.

The following courses, majors, minors, and requirements may apply and be available to students from a wide variety of majors and disciplines. These include:

Majors

- Interdisciplinary Studies: B.A., B.S.

Minors

- Cognitive Science
- Disability Studies
- Environmental Studies
- Ethnic and Cultural Studies
- Interdisciplinary Studies
- International Studies
- Latin American Studies
- Peace and Conflict Resolution Studies
- Tourism Studies
- Urban Studies
- Women's Studies

Courses

- Honors Courses
- Interdisciplinary Courses
- International Studies Courses
- University-Wide Courses

University-Wide Majors

MAJOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Bruce Hawkins
Academic Advisement Center
340 Fell Hall, Campus Box 4060
(309) 438-7604

Degrees Offered: B.A., B.S.

General Information

Illinois State University offers students the opportunity, under the Major in Interdisciplinary

Studies, to construct three types of individualized programs of study that differ from the University's regular major programs. These options use existing University courses and lead to the Bachelor of Arts or Bachelor of Science degree in Interdisciplinary Studies. Each sequence addresses a different set of educational objectives.

- I. The Individualized Sequence of the Major in Interdisciplinary Studies allows a student to design, with the help of a faculty sponsor, a specialized program of study that is not offered by the University. This program is intended for the student whose specific interests cannot be accommodated within existing programs. Some topics recently chosen by students include Classical Civilization, Agricultural Communication, Three-Dimensional Design, Human Services and Needs, International Public Administration, and Theatre Management. The Individualized Sequence is often a second or auxiliary major but may be proposed as a primary major.
- II. The Multidisciplinary Studies Sequence of the Major in Interdisciplinary Studies, in contrast, is a broader program built around the offerings of two or more departments or schools that may be from more than one college. It is intended for the student who is seeking a baccalaureate degree without the specialization of a traditional major. The student chooses the focus of the program, with the help of a faculty advisor, by determining the departments or schools in which he or she wishes to pursue advanced work.
- III. The Arts and Sciences Sequence of the Major in Interdisciplinary Studies is also a broad program emphasizing the offerings of two or more departments or schools, chosen with the help of a faculty advisor. However, unlike the Multidisciplinary Studies Sequence, the course work is primarily oriented to liberal arts and must be completed from departments in the College of Arts and Sciences.

NOTES:

1. The Multidisciplinary Studies Sequence and Arts and Sciences Sequence of the Major in Interdisciplinary Studies do not prepare a student for a specific professional career or graduate field. Because of their general nature, these programs will probably require graduates to

convince prospective employers or graduate schools that the students' degree preparation will enable them to succeed in a particular job or educational endeavor.

2. The Major in Interdisciplinary Studies does not satisfy the requirements for Teacher Certification.

Procedure:

1. Admission to the Major in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work and before the completion of 90 semester hours. Applications must be submitted during the first half of the fall or spring semesters.
2. Applications are available in the Academic Advisement Center, 340 Fell Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Major Committee, and the Associate Vice President for Undergraduate Studies.
3. At least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to the Advisement Center. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.
5. If the Individualized Sequence is a student's primary major, courses included in the approved program may not be used to meet General Education requirements. Courses from the departments or schools specified in the Multidisciplinary and Arts and Sciences sequences may not be used to meet the General Education requirements.

MAJOR IN INTERDISCIPLINARY STUDIES

General Requirements:

1. 120 semester hours.
2. Completion of General Education requirements.
3. 42 senior-college (200- to 300-level) hours.
4. An approved plan of study from at least two departments.
5. A 2.75 cumulative GPA at the time of application.

Major in Interdisciplinary Studies; Individualized Sequence and Requirements:

The Individualized Sequence is an Interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing majors at Illinois State. The Major in Interdisciplinary Studies: Individualized Sequence is usually a second or auxiliary major but may be proposed as a primary major.

Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Sciences degree and have their transcripts noted: "Major in Interdisciplinary Studies: Individualized Sequence: _____" (the theme that is specified on the plan of study).

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours
- Approved plan of study from at least 2 academic departments containing 36-55 hours.

Major in Interdisciplinary Studies; Multidisciplinary Studies Sequence:

The Multidisciplinary Studies Sequence is designed for the student who wishes to pursue a baccalaureate degree without the specialization required in a traditional program. The student chooses the focus of the major by determining the two or more departments or schools around which to build the program.

The departments or schools chosen may be from more than one college. Students who complete the Multidisciplinary Studies Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in Interdisciplinary Studies: Multidisciplinary Studies Sequence."

Multidisciplinary Studies Major Requirements:

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- An approved plan of study with a minimum of 36 hours from at least 2 departments or schools, including 12 senior-college hours (200- to 300-level) from each of 2 departments or schools and a maximum of 25 hours from any 1 of the departments or schools.

Major in Interdisciplinary Studies; Arts and Sciences Sequence and Requirements:

The Arts and Sciences Sequence is designed for students wishing to pursue a baccalaureate degree with broad coverage of the liberal arts and sciences. The student chooses the focus of the major by determining the two or more departments or school around which to

build the program. Students who complete the Arts and Sciences Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in Interdisciplinary Studies; Arts and Sciences Sequence."

- 120-hour graduation requirement, including General Education requirements, and 42 senior-college (200- to 300-level) hours.
- An approved plan of study with a minimum of 36 hours from 2 specified Arts and Sciences departments or school, including 12 senior-college hours (200- or 300-level) from each of the 2 departments or school, a maximum of 25 hours from any 1 of the departments or school, and a total of 96 hours from Arts and Sciences departments or school.
- General Education Program course selections may be applied to the Arts and Sciences Sequence requirements (students should consult with the adviser to Arts and Sciences Sequence to see which courses will meet requirements.)

University-Wide Minors

MINOR IN COGNITIVE SCIENCE

Director: David L. Anderson

Department of Philosophy

333B Stevenson Hall, Campus Box 4540

(309) 438-7175; dlander@ilstu.edu

- A minimum of 24 hours required for the minor, depending on the emphasis chosen and the level of preparation of student. Programs must be planned in consultation with an advisor. Students are required to seek an advisor through the Director of Cognitive Science Studies.
- Required courses: one course is required of all students, IDS 265: Introduction to Cognitive Science: Computers, Minds, Brains, and Robots. Other requirements will be met by developing a planned course of study approved by a Cognitive Science Studies advisor. In consultation with the advisor, the student will choose an emphasis that is outside the student's major and will fulfill the requirements of that emphasis.

Emphases:

Computer Science: ACS 168, 169; 2 courses (6 hrs) from Groups A and/or B; 1 course (3 hrs) from Group B; and 2 elective courses (6 hrs) from Groups C,D,E, or F.

Linguistics: PHI 112 or 210; ENG 341; 2 courses (6 hrs) from Groups A and/or B; 1 course (3 hrs) from Group C; and 2 elective courses (6 hrs) from Groups B,D,E, or F.

Philosophy: PHI 112 or 210, PHI 315; 2 courses (6 hrs) from Groups A and/or B; 1 course (3 hrs) from Group D; and 2 elective courses (6 hrs) from Groups B,C, E, or F.

Psychology: PSY 340; PSY 366; 2 courses (6 hrs) from Groups A and/or B; 1 course (3 hrs) from Group E; 2 elective courses (6 hrs) from Groups B, C, D, or F.

Course Groups:

Group A (Quantitative Skills): MAT 145, 146, 175, 250, 260; PHI 112 or 210 (MAT 210); PSY 340. (Note: Students must choose between the two statistics courses, MAT 250 and PSY 340. Credit will not be received for both).

Group B (Computer Science): ACS 168, 169, 261, 279, 340, 367, 388.

Group C (Linguistics): ENG 241, 243, 245, 310, 341, 344; FOR 309, 309.15, 310, 290.16; PAS 211, 301, 310, 320, ANT 277; COM 324, 370.

Group D (Philosophy): PHI 250, 253, 255, 281, 282, *305, *310, * 363. NOTE: Courses with * may be used only when the topic is approved by a Cognitive Science advisor.

Group E (Psychology): PSY 231, 331.04, 331.07, 360, 361, 363, 366.

Group F (Related Courses): ANT 286, 288, 290; BSC 390.

NOTE: Please refer to specific departments for further course information.

Cognitive Science Course

IDS

265 INTRODUCTION TO COGNITIVE

SCIENCE: COMPUTERS, MINDS,

BRAINS, AND ROBOTS OC-KD/SMT 3 F

Inner Core req. MC-QR or one semester of Foreign Language req.

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds).

MINOR IN DISABILITY STUDIES

Advisor: James Thompson

Department of Special Education

533 Degarmo Hall, Campus Box 5910

(309) 438-5419

The 21-hour Minor courses are structured within two components, Foundations and Disability Studies. An illustration of the structure of the course content of the minor is provided below.

The first component, Foundations, consists of courses providing an understanding of human anatomy, physiology, psychology, and development and an introduction to a variety of disabling illnesses and conditions. Students will have the opportunity to choose among a number of existing courses to fulfill the three-hour requirement for understanding human functioning and will be able to choose among four existing courses to fulfill the three-hour introduction to disability studies requirement.

The second component, Disability Studies, is designed to provide students with knowledge of lifestyle issues of people with disabilities, knowledge of legislation affecting people with disabilities, knowledge and skills related to assistive technology, and greater depth of knowledge of one or more disabling illnesses or conditions. To this end, this component consists of a set of three required courses intended to address lifestyle issues, legislation, and assistive technology and a set of courses about specific disabilities from which students will choose two to meet specific learning and career preparation goals.

Students are requested to seek academic advisement prior to the course selection process.

FOUNDATIONS (6 hours)

Understanding Human Functioning: (Select one of the following): KNR 181,182; HSC 105; PSY 110, 111, 112, 113, 301, 302, 303 (3 hours).

Introduction to Disability Studies: (Select one of the following): SED 145; KNR 270, 383; PSY 346 (3 hours).

DISABILITY STUDIES (15 hours)

Required courses: (9 hours of the following): KNR/PSY/SED 255; KNR/SED 256; SED 379.

Disability Cognate: (Select two of the following): HSC 390, 394; PSY 247, 347, 350; SED 343, 350, 378; S OC 263, 365 (6 hours).

MINOR IN ENVIRONMENTAL STUDIES

Advisor: Dagmar Budikova
Department of Geography- Geology
207C Felmley Hall, Campus Box 4400
(309) 438-7643 Email: dbudiko@ilstu.edu

A minimum of 21 hours is required, distributed as shown below. Students must complete 9 hours in Group One and 9 hours in Group Two. To fulfill the remaining three required hours, the student must choose at least one option under Group Three. For further information contact the Department of Geography-Geology.

Group One:

Biological Sciences	BSC 202
Geography	GEO 200
Geology	GEO 276
Agriculture	AGR 203

Group Two:

Economics	ECO 255
Geography	GEO 205
Health Science	HSC 156
Philosophy	PHI 236
Political Science	POL 236

Group Three:

1. Any course listed under Group One or Group Two; or
2. AGR 157 or AGR 234; or CHE 280; or ECO 355; or GEO 211; or HSC 247 or HSC 257; or POL 232; or
3. Students may choose to pursue an environmentally-based internship to partially or fully fulfill the elective requirement. Arrangement for the supervision of internship experience must be handled through the student's major department or school. Prior approval of the Advisor of the Minor in Environmental Studies is required for the student to receive credit for this experience toward fulfilling the requirement of the minor.

MINOR IN ETHNIC AND CULTURAL STUDIES

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

No major is offered. The study of ethnic groups may be arranged through the Interdisciplinary Studies Major program. Students interested in pursuing work in this area should contact the Interdisciplinary Studies Studies advisor.

- A minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from 1 department or school.
- A Professional Practice experience approved by the student's minor advisor and the appropriate department may be used as 1 course in Group I and/or Group II.
- An independent study course approved by the student's minor advisor and processed through the regular procedure may be used as 1 course in Group I and/or Group II.

Group I - Ethnic Origins

Students must complete 3 courses from Group I, representing at least 2 departments/schools. Group I represents the origins of minority populations in the United States. The emphasis is on the culture, history, and the experience of the area from which present-day United States' minorities come and on the Native American population before the arrival of the immigrants.

- **Asian-Americans:** GEO 255; HIS 125, 373, 375; PHI 207; POL 345.
- **African-Americans:** ART 277; GEO 250; POL 246.
- **Hispanic-Americans:** FOR 243.15, 244.15, 253.15, 255.15, 336.15; GEO 230; HIS 127, 263; IDS 110; POL 347.
- **Native Americans:** ANT 283, 284.

Group II - The Experience of Minority Populations in the United States.

- **African-Americans:** ENG 165; HIS 257, 258; IDS 105; MUS 153, 154; THE 154.
- **Hispanic-Americans:** FOR 218.15.
- **Native Americans:** ANT 272.
- **General Courses:** C&I 232, 312; CJS 303.

Group III - Ethnicity

Students must complete 2 courses from Group III, representing at least 2 departments/schools. Group III focuses on the concept of ethnicity in a more theoretical way. It attempts to generalize from minority experiences.

- **General Courses:** C&I 110; HIS 273; ANT 264, 281, 366.

Ethnic Studies Courses

IDS

105 CULTURAL AWARENESS AND INTERRACIAL UNDERSTANDING 3 F,S

Cons inst req.

Racially balanced experiential and theoretical course for students wishing to increase awareness and understanding and to improve black/white communication.

MINOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Bruce Hawkins
Academic Advisement Center
340 Fell Hall, Campus Box 4060
(309) 438-7604

Degrees Offered: B.A., B.S.

General Information

Illinois State University offers students the opportunity, under the Minor in Interdisciplinary Studies, to construct a program of study that differs from the University's regular minor programs.

The Individualized Requirements provide an Interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing minors at Illinois State.

Minor in Interdisciplinary Studies; Individualized Sequence and Requirements:

Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Sciences degree and have their transcripts noted: "Minor in Interdisciplinary Studies: Individualized Sequence: _____," (the theme that is specified on the plan of study).

- 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
- Approved plan of study from at least 2 academic departments/schools containing 18-24 hours.

Procedure:

1. Admission to the Minor in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work and before the completion of 90 semester hours. Applications must be submitted during the first half of the fall or spring semesters.
2. Applications are available in the Academic Advisement Center, 340 Fell Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Major Committee, and the Associate Vice President for Undergraduate Studies.
3. At least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to the Advisement Center. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.

Minor in Interdisciplinary Studies; Individualized Requirements:

- Approved plan of study from at least 2 academic departments containing 18-24 hours.
- A 2.75 cumulative GPA at the time of application.

MINOR IN INTERNATIONAL STUDIES

International Studies
308 Fell Hall, Campus Box 6120
(309) 438-5365

Advisor: Jonathan Rosenthal,
College of Arts and Sciences
141 Stevenson Hall, Campus Box 4100
(309) 438-5669

The Minor in International Studies is an interdisciplinary program that is designed to offer students an opportunity to take a global perspective on their education. It could be of special interest to students in the College of Arts and Sciences with majors in Foreign Languages, History, Political Science, and Communication; students in the College of Business majoring in International Business; students in the College of Fine Arts with majors in Music and Art; and students in the College of Education and in the College of Applied Science and Technology.

The program's features include a background in foreign language, a focus on issues related to internationalization or globalization of our society, a focus on a geographic area of the world, and participation in a formal study abroad experience. Academic advisement is essential to this highly individualistic program in order for students to construct programs that will fit their individual needs.

- 24 hours required, including Foreign Language 115 or equivalent; 6-12 hours in Category A; 9-15 hours in Category B; and participation in a study abroad or alternative international experience.
- Participation is required in a 6-credit hour (or greater) study abroad experience sponsored by Illinois State University, or alternative international experience, approved prior to participation by the minor advisor. Courses taken while studying abroad may be counted toward the minor. Contact the International Studies Advisor for information on which courses offered in each program may be counted toward the minor.
- Up to 9 hours (excluding courses in Category A) taken in the minor may also be applied toward the student's major. At least 9 hours of the

minor must be at the 200-level or above.

- Additional foreign language study is strongly encouraged. Special emphasis should be placed on developing oral communication skills.

CATEGORY A—International Issues:

- 6-12 hours required. Courses in the student's first major may not count toward category A requirements. A maximum of 2 courses from any 1 department or school may be taken. Choose from the following: AGR 100, 201; ANT 175, 184; ART 275; CJS 369; COM 355, 369, 372; ECO 205, 210, 228, 245, 345; ENG 206, 255, 261; FOR 119, 206; GEO 135; HIS 104, 119, 230, 252, 270; IDS 203; INB 190; MUS 156; POL 140, 150, 151, 251, 252, 254, 255, 256, 293.01, 344, 351, 358, 363; SOC 108, 366; SWK 160; THE 271, 275.01, 275.02; WS 120, or other courses approved by the International Studies Advisor.

CATEGORY B—Area Studies:

- 9-15 hours required. Only courses taken in 1 area listed below may be counted toward the minor. Many Illinois State University Study Abroad program courses count.
- In addition to the courses listed below, any pertinent course on the history, literature, economic, social, or political structures of a foreign country or culture may be counted toward the minor, provided it receives approval in advance from the International Studies advisor. The International Studies advisor will help students choose courses appropriate to their area studies concentration and career objectives.
- **Latin America:** IDS 110; FOR (SP) 116, 218, 305; GEO 230; HIS 127, 263; POL 140, 145, 240, 340.
- **Europe:** ART 372, 379; FOR 116 (FR, GER, IT, SP), 217 (FR), 217 (GER), 217 (SPA), 218 (GER), 220 (GER), 305 (FR), 305 (SPA); GEO 240; HIS 102, 229, 234, 237, 366; POL 141, 242, 341.
- **Africa:** FOR 325; GEO 250, HIS 128, 266; POL 140, 145, 246.
- **South and Southwest Asia (Middle East, India, Pakistan, Sri Lanka):** GEO 255; HIS 126, 272, 378; PHI 207, 208; POL 140, 145, 245, 247, 349.
- **East Asia:** FOR 116 (CH, JP), GEO 255; HIS 125, 373, 375; PHI 208; POL 140, 145, 245, 345.
- **NOTE:** Please refer to specific departments or schools for further course information.

MINOR IN LATIN AMERICAN STUDIES

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

This program must be planned in consultation with the Latin American Studies advisor. With the approval of the advisor, courses other than those listed may be counted toward the minor.

- 24 hours required.
- Required courses: 2 semesters of college-level Spanish (Spanish majors must take at least 9 hours of courses taught in Spanish concerning Latin America at the 200-level or above and cannot count 100-level Spanish courses toward the minor); IDS 110 (Introduction to Latin American Studies); and follow a planned course of study approved by the Latin American Studies advisor in which courses are elected from at least 3 different departments/schools. Course work may be selected from the following: AGR 100; ECO 205, 210; FOR 244.15, 255.15, 305.15, 331.15, 336.15; GEO 230; HIS 127, 263; POL 347.

Latin American Studies Course

IDS

110 INTRODUCTION TO LATIN AMERICAN STUDIES

3

An overview of politics, economics, history, geography, culture, and the arts in Latin America with focus on variable selected topics.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Program Directors:

Janie Leatherman
Department of Politics and Government
Campus Box 4600
340F Schroeder Hall (309) 438-8923

Deborah Gentry
College of Applied Science and Technology
Campus Box 5000
143C Turner Hall (309) 438-8748

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from fourteen departments housed in three Colleges: Applied Science and Technology, Arts and Sciences, and Business.

The Minor provides a comprehensive and in-depth approach to peace and conflict resolution theories and methods. Students are required to take an introductory course, as well as one course from each

of five areas of inquiry (social justice, conflict resolution, violence, environment, and globalization), while also specializing in one of these areas with two additional courses. The minor's capstone experience is a professional practice.

The Minor allows students to examine both the causes and prevention of war, as well as the nature of violence, including social oppression, discrimination and marginalization. They also learn peace strategies to overcome persecution and transform society to attain a more just and equitable international community. The inquiry encompasses micro to macro perspectives. At the micro end of the spectrum, students investigate non-violent ethics and conflict management; inner, aesthetic, and spiritual peace; interpersonal communication and relations; intergroup relations; and diversity and gender issues. At the macro level, students explore the dynamics of international conflict, as well as approaches to peace and world order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and biodiversity.

- 27-28 hours required.
- Required core (6 hrs): IDS 111, 398.01.
- Choose three courses from one group listed below and one course from each remaining group.

Group A Social Justice

PHI 238; SOC 106, 108, 264, 366; CJS 102

Group B Conflict Resolution

HIS 268; POL 252, 255, 351, 363; SOC/HIS 111; FCS/SOC/HIS 112, FCS 310

Group C Violence

PHI 244, 248; POL 352; SOC 365; CJS 369; IDS 254

Group D Environment

BIO 202; PHI 236; PHY 207; AGR 201; HSC 156

Group E Globalization

ANT 175; ECO 105, 205; POL 150, 151; MQM 349; INB 190; IDS 203

NOTE: Students are encouraged to consult with a director regarding course selection and information regarding Professional Practice (IDS 398.01).

Peace and Conflict Resolution Courses

IDS

111 PEACE STUDIES

3 S

Includes arranged service learning hours.

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world.

IDS**398.01 PROFESSIONAL PRACTICE INTERNSHIP/
COOPERATIVE EDUCATION OR CO-OP
IN PEACE STUDIES AND CONFLICT
RESOLUTION 3-6 F,S***IDS 111 and Minor in Peace and Conflict Resolution
Studies req.*

Practical experience, preferably in an international, national or local organization where peacemaking, conflict resolution and skills are required and learned.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas,
Department of Geography-Geology
200B Felmley Hall, Campus Box 4400
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; KNR 271, 277, 377; POL 140 or 145.
- Recommended courses: GEO 315; KNR 374, 375.

MINOR IN URBAN STUDIES

Advisor: Daniel J. Hammel, Department of
Geography-Geology
207D Felmley Hall, Campus Box 4400
(309) 438-8112

The Minor in Urban Studies is an interdisciplinary minor sponsored by the Departments of Economics, Geography-Geology, History, Politics and Government, and Sociology-Anthropology. The program is designed to help students focus on the study of urban places from a social science perspective, and should be of interest to those who want to pursue careers in urban related areas such as politics, planning or community development, or to those who wish to pursue graduate study in these areas.

The program's features include required course work in urban geography, history, political science and sociology, and in applied research or analytical techniques. Students may choose from a range of elective courses, independent study with urban studies faculty, and an optional internship.

- 21 hours required.
- Required Core (12 hrs): GEO 336, HIS 322, POL 221 or 222, SOC 240 or 361.

- Required Methods (3 hrs): ECO 238 or GEO 204 or HIS 200 or POL 209 or SOC 271.
- Choose 6 elective hours from the following: GEO 303, GEO 370, HIS 256, POL 335, SOC 362, or any Core course not taken to fulfill the Core requirement. Independent Study courses for up to three hours and approved in advance by the Urban Studies Advisor also may be used for elective credit.
- Optional Internship (in addition to the 21 required hours) must be coordinated with the Urban Studies Advisor.
- Up to 6 hours taken in the minor may also be applied toward the student's major.
- **NOTE:** This program must be planned in consultation with the Urban Studies Advisor. Some courses carry prerequisites that require planning on the part of the student. In addition, the Advisor can assist students in tailoring the program to meet their individual interests.

**MINOR IN WOMEN'S STUDIES
(WS) 426**

Director: Valentine M. Moghadam
237 Rachel Cooper, Campus Box 4260
(309) 438-2947

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the workplace, and personal growth and relationships.

- 21 hours required.
- Required courses: WS 120; ENG 160; HIS 250; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or FOR 128; ENG 206 or FOR 206; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 233; HIS 264, 330; PHI 244; POL 225; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.

NOTE: This program must be planned in consultation with the Women's Studies Director or advisor. With their approval, courses other than those listed above may be counted toward the minor.

Women's Studies Courses

WS

120 WOMEN, GENDER

AND SOCIETY MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc req in COM 110, or COM 110 and conc req in ENG 101. May not be taken under the CT/NC option. Formerly IDS/WS 120, INTRODUCTION TO WOMEN'S STUDIES.

How systems of gender shape societies around the world; how individual and collective actions transform the gender system of a society.

WS

390 INTERDISCIPLINARY RESEARCH IN WOMEN'S STUDIES

1-6 F,S

A detailed proposal approved by the Director of Women's Studies and signed by 2 faculty advisors from different disciplines req prior to reg.

Students will research and write on an interdisciplinary topic of their choice relevant to Women's Studies.

WS

391 WOMEN'S STUDY SEMINAR 1-3 F,S, Summer

May be repeated; max 6 hrs.

Intensive study of an announced area and the production of a research paper relevant to Women's Studies.

WS

398 PROFESSIONAL PRACTICE INTERNSHIP IN WOMEN'S STUDIES 1-6 F,S, Summer

6 hrs of Women's Studies and cons Dir of Women's Studies May be repeated; max 16 hrs.

Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on women's issues.

University-Wide Courses

These courses may be offered by any department or school of the University. Specific departmental offerings will be listed by topic or area in the *Class Registration Directory* available each semester. Student Teaching (399) for all available areas is listed separately in the *Class Registration Directory*; Professional Practice (198, 298, 398) for all available areas is listed by department or school in the *Class Registration Directory*.

189, 289, 389 SELECTED STUDIES 1-6

Experimental and interdepartmental courses providing content not offered within the framework of courses approved for inclusion in the *Undergraduate Catalog*. Descriptions of the courses offered each semester are provided in the back pages of the *Class Registration Directory*.

193, 293, 393 WORKSHOP 1-6

Max of 6 hrs may be applied toward graduation.

Workshop opportunities are provided for the purpose of permitting students to work on special problems not covered in any one course offered by the University. Topics for investigation by workshop participants are limited to areas in

which the University is able to provide adequate workshop staff. Description of the courses offered each semester are provided in the back pages of the *Class Registration Directory*.

198, 298, 398 PROFESSIONAL PRACTICE 1-16

Cons dept chair req. Max of 16 hrs may be applied toward graduation.

Supervised work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the departmental level. University-wide coordination is provided through Professional Practice in Student and Alumni Placement Services or through the Office of Clinical Experiences if the experience is in an educational agency or institution.

287 INDEPENDENT STUDY 1-6

Max of 6 hrs may be applied toward graduation. Cons dept chair and supervisor req.

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study.

291 SEMINAR: UNDERGRADUATE TEACHING ASSISTANTS 1-3

Official designation as an Undergraduate Teaching Assistant (UTA). Max of 3 hrs may be applied toward graduation. Cons dept chair req.

Supervised examination of issues related to the Undergraduate Teaching Experience. Seminar requires time beyond the UTA work experience.

299 INDEPENDENT HONOR STUDY 1-6

Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair, and Dir of Honors req.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

397 INSTITUTE 1-9

Federal- and state-sponsored institutes or similar short-term programs requiring treatment of subject matter of a special nature or for special groups.

399 STUDENT TEACHING 1-16

2.5 cum GPA req.

High school teaching (6-12): PSY 215 or C&I 210 and C&I 214, 215 and/or 216 and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Special Areas (K-12): PSY 215 or C&I 210 and C&I 214, 215 and/or 216, and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites.

Middle Level Teacher Education (K-9): C&I 390, minimum of 100 hours of approved pre-student teaching Clinical

Experiences, completion of Field of Study required prerequisite for student teaching in areas of concentration.

Early Childhood Education (Age 0-Grade 3): C&I 283, minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

El Ed (K-9): C&I 211, 257, 258; minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Special Education (K-12): Specific courses are required in each sequence. See listing of requirements in individual Special Education sequence. All sequences require the completion of a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.

Approval of department chair and the Director of CECP.

15 hours of course work or equivalent at Illinois State.

Other requirements as listed in the University-wide Teacher Education Program Requirements section of the *Undergraduate Catalog*.

Directing the learning of pupils; participating in school and community activities; assuming full responsibility for a group of learners under the supervision of an expert teacher. Assignments are made on the basis of the student's area of specialization. The student's transcript indicates the area in which student teaching was completed.

INTERDISCIPLINARY STUDIES (IDS) 604

Director: W. Eric Thomas, Undergraduate Studies
308 Hovey Hall, Campus Box 4900
(309) 438-2157

Honors Courses

IDS

102 HONORS COLLOQUIUM 1-4 F
May be repeated once for cr if topic is different.

Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme.

IDS

202 ADVANCED HONORS COLLOQUIUM 3 F,S
Jr standing or cons Honors Dir req. May be repeated once if topic is different.

Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program.

IDS

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S
Participation in Illinois State Honors Program.

Honors study for one semester at another university.

IDS

285 HONORS UNDERGRADUATE RESEARCH 1-3 F,S
Cons Honors Dir req. May be repeated.

Honors student assists a faculty member on the faculty member's research project.

IDS

286 HONORS UNDERGRADUATE

RESEARCH II

1-3 F,S

IDS 285 req. May be repeated.

Continuation of IDS 285.

IDS

299 INDEPENDENT HONOR STUDY 1-6

Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair, and Dir of Honors req.

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

Interdisciplinary Studies Courses

IDS

100 FOUNDATIONS OF INQUIRY IC 3 F,S
Restricted to students with less than 30 cr hrs. May not be taken under the CT/NC option.

Systematic investigation of the nature of knowing in different disciplinary and cultural contexts. Provides a foundation of academic skills, knowledge, and attitudes for later course work.

IDS

105 CULTURAL AWARENESS AND INTERRACIAL UNDERSTANDING 3 F,S
Cons inst req.

Racially balanced experiential and theoretical course for students wishing to increase awareness and understanding and to improve black/white communication.

IDS

106 CAREER CHOICE 1 F,S
CR/NC only. Material charge optional.

Introduction to theory of career decision making. Laboratory in the application of skills and strategies to individual career choices. Appropriate for freshmen and sophomores.

IDS

110 INTRODUCTION TO LATIN AMERICAN STUDIES 3

An overview of politics, economics, history, geography, culture, and the arts in Latin America with focus on variable selected topics.

IDS

111 PEACE STUDIES 3 S
Includes arranged service learning hours.

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world.

IDS

121 TEXTS AND CONTEXTS MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts.

IDS**187 IUS INDEPENDENT STUDY 1-3**

Only for students pursuing the Independent Studies option who wish to undertake independent study projects on an interdepartmental and off-campus basis.

IDS

203 NATIONS AND NARRATIONS OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH or MC-UST category req.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary from one section to another.

IDS

206 GEOGRAPHY AND POLITICS OF INTERNATIONAL CONFLICTS OC-DKCC/SS 3 F,S
Inner Core req. One course from MC-IS or MC-ICL req.

Application of geographic and political science perspectives to a selection of international conflicts with an emphasis on active student involvement.

IDS

207 REPRESENTATION KNOWLEDGE AND POWER OC-KD/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Theory, practice, and history of the use of representational signs--language, images, sounds, etc.--to communicate knowledge about the world and to exercise power.

IDS

254 RELIGIONS AND CULTURES MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.

A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences.

IDS

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS OC-KD/SMT 3 F
Inner Core req. MC-QR or one semester of Foreign Language req.

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds).

IDS

398.01 PROFESSIONAL PRACTICE INTERNSHIP/ COOPERATIVE EDUCATION OR CO-OP IN PEACE STUDIES AND CONFLICT RESOLUTION 3-6 F,S
IDS 111 and Minor in Peace and Conflict Resolution Studies req.

Practical experience, preferably in an international, national or local organization where peacemaking conflict resolution skills are required and learned.

International Studies Courses

IDS

130 INTRODUCTION TO STUDY ABROAD: CROSS-CULTURAL TRAINING 1 F,S
Permission of appropriate study abroad program director.

Preparation and development of skills necessary for successful study abroad.

IDS

131 STUDY ABROAD: CROSS-CULTURAL INVESTIGATION 1 F,S,Su
IDS 130 and conc reg in a study abroad program req.

Cultural research and guided journal completed during study abroad program.

IDS

132 STUDY ABROAD: REINTEGRATION AND CULTURAL COMPARISON 1 F,S
IDS 131 req.

Discussion of reintegration following study abroad and presentation of research projects.

National Student Exchange Programs

IDS

222 NATIONAL STUDENT EXCHANGE 12-16 F,S
Min soph standing, 2.5 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at Illinois State University.

IDS

223 NATIONAL STUDENT EXCHANGE 12-16 F,S
Min soph standing, 2.5 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at that university.

IDS

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S
Participation in Illinois State Honors Program.
 Honors study for one semester at another university.

Semester Study Abroad Programs

IDS

230 INTERNATIONAL EXCHANGE 12-15 F,S
 Study for 1 semester or 1 year in another country.

CURTIN UNIVERSITY OF TECHNOLOGY, PERTH, WESTERN AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

EDITH COWAN UNIVERSITY, PERTH, WESTERN AUSTRALIA 12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

**UNIVERSITY OF WESTERN SYDNEY,
MACARTHUR, NEW SOUTH WALES,
AUSTRALIA**

12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

**GRIFFITH UNIVERSITY
QUEENSLAND, AUSTRALIA**

12-15 F,S

Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

**SALZBURG COLLEGE, SALZBURG,
AUSTRIA**

15-17 F,S

Semester/year program focusing on social sciences, business, humanities, and fine arts. Elective and major field credit available. Courses taught in English.

**BRIGHTON UNIVERSITY, BRIGHTON,
ENGLAND**

12-15 F,S

Semester program. Elementary and Secondary Education Student Teaching. All programs are taught at Brighton University campuses.

**CHRIST CHURCH COLLEGE, CANTERBURY,
ENGLAND**

12-15 F,S

Semester program. Courses in art, history, literature, culture, and geography.

**LEICESTER UNIVERSITY, LEICESTER,
ENGLAND**

15 F

Year program offering courses in a wide variety of disciplines for major and minor credit.

**UNIVERSITY OF SUNDERLAND,
SUNDERLAND, ENGLAND**

15 F,S

Semester/year program. A wide variety of major/minor credits available.

**UNIVERSITY OF WOLVERHAMPTON,
WOLVERHAMPTON, ENGLAND**

12 S

Semester/year program focusing on the field of studio art.

**L'UNIVERSITE CATHOLIQUE,
DE L'OUEST D'ANGERS,
ANGERS, FRANCE**

15 F,S

Semester/year program focusing on French language, culture and civilization.

**UNIVERSITY OF BONN, BONN,
GERMANY**

12 F,S

Semester/year program. German language program open to juniors only. Maj/min in German language and literature must have completed 211.13 and 213.13 before leaving for the program.

**INSTITUTE OF ITALIAN STUDIES,
FLORENCE, ITALY**

12-15 F,S

Semester/year program. Italian language, business, communication, culture, civilization, art history, studio art. Courses offered in English. Maj/min field credit available in art.

**KANSAI GAIDAI UNIVERSITY,
HIRAKATA, JAPAN**

14-17 F,S

JPN 111 and 112 or equiv req.

Semester/year program. A wide variety of courses are offered in English. Students must take 8 hours of intensive Japanese language.

**NANZAN UNIVERSITY,
NOGOYA, JAPAN**

15-17 F,S

JPN 111 and 112 or equiv req.

Semester/year program beginning fall semester. A wide variety of courses are offered in English. Students must take 10 hours of intensive Japanese language.

**STIRLING UNIVERSITY, STIRLING,
SCOTLAND**

15 F,S

Semester/year program. Courses for maj/min field credit are available in many departments. Students take 3 courses per semester, each worth 5 credit hours.

**UNIVERSITY OF MADRID,
MADRID, SPAIN**

12 F,S

SPA 111, 112, 115, and 116 or equiv req.

Semester/year program focusing on Spanish language, culture and civilization.

**UPPSALA UNIVERSITY,
UPPSALA, SWEDEN**

15 F,S

Semester/year program offering courses in a wide variety of disciplines for maj/min field credit. Courses are taught in English. Special course in Swedish civilization offered during fall semester.

**CARDIFF INSTITUTE OF HIGHER
EDUCATION, CARDIFF, WALES**

12 S

Spring semester program offering courses in Health, Physical Education, and Recreation for KNR majors.

NOTE: Summer programs all over the world give students the opportunity to earn 3-10 hours of credit. Consult with an advisor in International Studies for additional information.

UNIVERSITY-WIDE TEACHER EDUCATION

Chair, Council for Teacher Education: Dianne Ashby, Dean, College of Education
506 DeGarmo Hall, Campus Box 5300
(309) 438-5882

Web site: <http://coe.ilstu.edu/te.htm>

Realizing the Democratic Ideal: Teacher Education at Illinois State University

Illinois State University has a historic and enduring commitment to educate teachers who will be responsive to the moral and intellectual demands a democratic society places upon them. To teach in a democracy is self-consciously to take up the burden of improving the moral and intellectual quality of our societal dialogue by including in it as many educated voices as possible.

The democratic ideal unites caring and knowing; the more voices we elicit and the less fettered the mutual exchange among those voices becomes, the truer our convictions and conclusions will be. This is, in a way, a democratic article of faith, and it is why Illinois State's graduates aspire to teach everyone, especially those on the margins, those who have been or are in danger of being excluded.

This democratic conception of education informs all aspects of teacher education at the University. The kind of teacher appropriate to the challenges and rewards of teaching in a democratic society unites the moral and intellectual aspects of teaching by embodying what one might call their virtues.

The moral virtues are:

- sensitivity toward the varieties of individual and cultural diversity;
- disposition and ability to collaborate ethically and effectively with others;
- reverence for learning and a seriousness of personal, professional, and public purpose; and
- respect for learners of all ages including a special regard for children and adolescents.

The intellectual virtues are:

- wide general knowledge and deep knowledge of the content to be taught;
- knowledge and appreciation of the diversity among learners;
- understanding of what affects learning and of appropriate teaching strategies;
- interest in and ability to seek out informational, technological, and collegial resources; and

- contagious intellectual enthusiasm and courage enough to be creative.

Of the challenges facing teachers in the next millennium, none is more pressing than for them to develop and maintain a strong sense of their moral and intellectual roots—a professional identity. Toward this end, Illinois State University prepares teachers who have a strong sense of themselves and their mission as teachers; through caring and knowing they realize the democratic ideal. This, along with a high level of competence in their chosen areas, makes them teachers for whom we are thankful and of whom we are proud.

Undergraduate students interested in preparing for teaching careers in the public schools should consult the *Undergraduate Catalog* or contact the Teacher Education Coordinator of the department or school in which they desire certification. Contact the Office of Clinical Experiences and Certification Processes, 310 DeGarmo Hall, (309) 438-5416, for information about admission to the Teacher Education programs of the University and certification requirements. Students interested in preparing for teaching careers in colleges and universities should consult academic advisors in the discipline that they plan to teach for information concerning appropriate graduate degree preparation.

Federal regulations require that all Illinois teacher preparation programs report candidate test scores to the Illinois State Board of Education annually on April 7; the state in turn reports scores to the United States Department of Education annually on October 7. The following April 7, the Secretary of Education will prepare a report for congress on the quality of the nation's teacher preparation programs.

Illinois State University reported the following scores on April 7, 2001:

- 1999-2000 Program Completers: 1082
- Basic Skills: 1058 tested, 1053 passed = 100% pass rate
- Academic Content Areas: 850 tested, 839 passed = 99% pass rate
- Other Content Areas: 39 tested, 38 passed = 98% pass rate
- Teaching Special Populations: 354 tested, 338 passed = 95% pass rate
- Summary Totals and Pass Rate: 1065 tested, 1047 passed = 98% pass rate

For current information, see the following website: <http://coe.ilstu.edu/te.htm>

Performance-Based Assessment System

Effective Fall 2002, the Council for Teacher Education will begin implementation of its newly adopted Teacher Education Performance-Based Assessment System. This system is to meet accreditation standards, as stipulated by the Illinois State Board of Education (ISBE) and the National Council for the Accreditation of Teacher Education (NCATE).

The performance assessment system will be implemented as of Fall 2002, with continuous review by the University Teacher Education Performance Assessment Committee, which reports to Council for Teacher Education. Council for Teacher Education approves and monitors the system.

The system establishes critical points at which candidates for teacher certification will be assessed: admission to professional study, admission to clinical practice/student teaching, and exit from clinical practice/student teaching. This system ensures that candidates possess the knowledge, skills, performances, and dispositions requisite for successful teaching careers. For admission to the university, candidates who declare a teacher education major will meet the same criteria as that required by the university. When Illinois State University recommends a candidate for teacher certification, the entire university has prepared that teacher.

For admission to professional study (formerly Admission to Teacher Education), candidates will, in addition to meeting all program requirements as noted in applicable sections of this catalog:

- complete 30 hours of course work successfully;
- present documented evidence of successful experiences with children and youth;
- submit a reflective essay on entry-level dispositions to teach relative to the "Realizing the Democratic Ideal," to be retained in an electronic portfolio and updated at each stage of progress through candidacy;
- pass the basic skills test required for ISBE teacher certification;
- attain and retain a minimum GPA as designated by the selected teacher certification program, typically no less than 2.5;
- file a criminal background self-assessment and an Illinois State Police background clearance;
- file verification of a negative TB test, to be updated annually thereafter;
- complete English 101 and Communication 110, with a grade of C or better, and with technology proficiencies included in each course; and,
- other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs.

For admission to Student Teaching/Clinical Practice, successful candidates will:

- pass the ISBE Content Area test(s), to ensure content knowledge;
- verification of having completed clinical experiences commensurate with attaining state local, state, and national standards;
- revise the reflective essay on dispositions and attain professional faculty evaluation of dispositions;
- complete additional technology competencies and add to the electronic portfolio lesson plans and a video of field experience; and
- pass the University Writing Exam; and,
- other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs.

For exit from Student Teaching/Clinical Practice, candidates will:

- complete student teaching/clinical practice successfully;
- revise the reflective essay on dispositions, attain additional professional judgment on dispositions from clinical site supervisors, and present documented evidence of positive dispositions for teaching;
- pass any additional tests for certification required by the state;
- prepare a "mission statement" for a career as a teacher; and
- present unit plans and video vignettes of the student teaching experience;
- complete all technology competencies as specified by the Performance Based Assessment System; and,
- other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs.

The information on Performance-Based Assessment supplements additional information already present in the catalog, found under University-Wide Teacher Education and with information for each individual teacher education program. Council for Teacher Education reserves the right to modify performance assessment indicators in response to state and national accreditation mandates. Candidates should consult their program advisors for specific requirements and updates on state or national mandates.

Details regarding the performance-based assessment system are available at the accreditation website: www.degarmo.coe.ilstu.edu/ncateaccred

Program Requirements

This section of the *Undergraduate Catalog* provides information needed by students in Teacher Education programs. Students seeking further information or clarification of information presented here should contact the Office of Clinical Experiences and Certification Processes (CECP), located in DeGarmo Hall. Information pertaining to requirements for admission and retention in Teacher Education and matters related to certification in Illinois State University graduate programs is provided by the CECP Office. Matters related to certification at the undergraduate level are provided by the Evaluations Office. For additional information on Teacher Education at Illinois State University, see requirements in this catalog.

Each student who completes a bachelor's degree program in an approved Teacher Education program, and who is recommended for certification by the Dean of the College of Education as having completed all requirements (General Education, Professional Education, and field of study or area of specialization) is recommended for a teaching certificate in the State of Illinois. When a student has completed all of the requirements for a degree, including a recommendation from the Dean of the College of Education, the Evaluations Office at Illinois State University will send to the student the documentation necessary to apply for the appropriate Illinois Teaching Certificate. In order to satisfy Illinois certification requirements, all candidates must pass a test of basic skills (reading, writing, grammar, and mathematics) and a subject matter knowledge test administered by the Illinois State Board of Education.

Students who have already completed one or more non-teaching degrees and now seek admission to Teacher Education are advised to seek admission to the University as a candidate for a second bachelor's degree, certification only. Subsequent transcript analysis may determine that a second degree is not required. In this instance, the student who received a degree from a state Teacher Education approved institution will be allowed to complete the requirements for certification without completing the requirements of the second bachelor's degree. Students are advised that the Teacher Education certification requirements provided here are for Illinois and that they should check certification requirements for other states if they desire to be certified for teaching elsewhere.

Students who complete a bachelor's degree program in Teacher Education at Illinois State University also have their transcripts stamped, *Student has completed a state and NCATE*

approved program in Teacher Education. (NCATE is the National Council for Accreditation of Teacher Education). This statement indicates that the program has received state approval and national accreditation. This status usually makes it easier to obtain a teaching certificate in another state.

NOTE: Experienced teachers may be eligible for certificates from the Illinois State Board of Education by transcript evaluation. This certificate is not associated with an NCATE program, does not have the endorsement of the institution granting the course credit, and is not recognized by other states.

Eligibility for certification is open to anyone who is legally present in the United States and is authorized for employment. For specific details, contact the Office of Clinical Experiences and Certification Processes. Students interested in completing a Teacher Education program at Illinois State must (1) be admitted to Teacher Education, (2) complete General Education and Professional Education requirements including a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences, field of study or area of specialization course work appropriate to the Early Childhood Education, Elementary, Middle Level, High School, Special K-12, or Special Education curriculum, (3) successfully complete student teaching, (4) have a 2.50 overall GPA in all work taken at Illinois State, and (5) be recommended for certification by the Dean of the College of Education.

Individuals convicted of a felony or any sex, narcotics, or drug offense should contact the Office of Clinical Experiences prior to application for Admission to Teacher Education. *Applicants convicted of certain types of felony crimes may not be approved for certification by the State Certification Board.*

Certification Programs

Students who fail to maintain the specific GPA required by their teaching or other certification program may be dismissed from that program. At the option of the Department, students dropped from the program may pursue a degree in their major or be classified as General Students and will receive academic advisement from the Academic Advisement Center. In order to become candidates for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Council for Teacher Education

Five colleges of Illinois State University offer bachelor's degree programs that lead to teacher certification in the State of Illinois. These five col-

leges include the College of Applied Science and Technology, the College of Arts and Sciences, the College of Business, the College of Education, and the College of Fine Arts. The Council for Teacher Education is responsible for developing requirements for Teacher Education and for providing avenues of communication among all of the areas of the University concerned with Teacher Education. The Dean of the College of Education serves as the University's certification officer and is responsible for maintaining the relationship between campus programs and state certification officials.

Admission-Retention Requirements:

The following requirements concerning admission-retention in Teacher Education apply to all students pursuing Teacher Education programs in any department or school of any college of the University.

The Office of Clinical Experiences and Certification Processes administers the procedures for admission to Teacher Education based upon eligibility requirements established by the Council for Teacher Education. Additional departmental and academic major requirements for admission to Teacher Education may be established by departments and schools with approval of the Council for Teacher Education. A student should obtain information about departmental and academic major requirements from the department or school of the student's major field.

Selective Admission

Eligibility for Admission to Teacher Education:

- a. Students, including those who transfer to Illinois State, must be registered in an Education major or sequence as identified in the *Undergraduate Catalog*.
- b. Application for admission to Teacher Education should be made after the completion of 30 hours.
- c. Students must meet the GPA requirements for admission to Teacher Education described below at the time of admission and must maintain the average for the remainder of the program. A student must have an Illinois State University cumulative GPA of 2.50 or higher for all undergraduate credit. Most programs also require a 2.50 or higher GPA in courses taken at Illinois State University which fulfill the requirements of the major including all Professional Education courses when Professional Education courses are listed separately in the *Undergraduate Catalog*. Students

should check with their major departments regarding specific GPA requirements for admission to Teacher Education.

- d. A student must demonstrate written communication skills in one of the following ways:
 - (1) The student must have earned a C or higher in English 101 or 145 at Illinois State University.
 - (2) The student must have earned a C or higher in an equivalent English course taken at another university as approved by Illinois State University.
 - (3) The student passes the English proficiency exam given by the Department of English at Illinois State University.
- e. A student must demonstrate oral communication skills in one of the following ways:
 - (1) The student must have earned a C or higher in COM 110 at Illinois State University.
 - (2) The student must have earned a grade of C or higher in an equivalent Speech course taken at another university as approved by Illinois State University.
- f. A student must satisfactorily pass a speech check conducted by the Department of Speech Pathology and Audiology.
- g. A student must pass each section of the ETS Praxis I basic skills test in reading, writing, and mathematics (A fee is assessed.).
- h. A student must satisfy criteria for departmental approval for admission to Teacher Education.

Admission Procedures:

Students may initiate, monitor, and assess their status regarding admission to Teacher Education through the use of a mainframe computer terminal. For specific directions and accompanying documents, please contact the Office of Clinical Experiences and Certification Processes, in DeGarmo Hall. Students should check with the major department or school regarding specific departmental procedures and requirements for admission to Teacher Education. Additionally, students may be requested to complete the following:

- a. Interviews: All students should be available for interviews upon request.
- b. Entrance, Psychological, or Aptitude Exams: Students may be requested to take certain examinations for the purpose of assessing potentiality for teacher preparation and educational careers.

Students who are denied admission to Teacher Education or student teaching may file a petition for a hearing. Specific information regarding procedures for a hearing in accordance with the requirements of the Council for Teacher Education may be obtained in the Office of Clinical Experiences and Certification Processes.

Selective Retention

Students are required to maintain the qualification requirements for admission to Teacher Education from the point of admission to the point of certification.

Admission to Teacher Education is a prerequisite for enrollment in certain courses of the program. The prerequisite is listed in this *Undergraduate Catalog* for each of the specified courses.

A student must be formally admitted to Teacher Education and have satisfied all stipulated prerequisites prior to being assigned to student teaching.

APPROVED TEACHER EDUCATION PROGRAMS

The following list includes all undergraduate Teacher Education programs approved by the State of Illinois and the National Council for Accreditation of Teacher Education (NCATE).

Early Childhood Education (This certificate extends from Birth through Grade 3).

Elementary (K-9): Elementary Education; Middle School/Junior High School; Bilingual Elementary Education -- Spanish.

Secondary (6-12): Agriculture; Biological Sciences; Business Teacher Education; Chemistry; English; Family and Consumer Sciences; French; Geography; German; Health Education; History Education; Industrial Education; Mathematics; Physical Education; Physics; Social Sciences (including History); Spanish; Speech Communication; Theatre.

Special (K-12): Art; Business Education; Music; Physical Education; Blind and Partially Seeing (Visually Handicapped); Deaf and Hard of Hearing; Educable Mentally Handicapped (Mentally Handicapped-Educable); Learning Disabilities-Social/Emotional Disorders (Learning and Behaviorally Disordered); Speech and Language Impaired (Speech Pathology—Graduate Level)*; Trainable Mentally Handicapped-Physically Handicapped (Moderate Severe or Multiple Disabilities).

***Students in the Speech and Language Impaired Program may take appropriate course work at the undergraduate or graduate level, but State of Illinois certification is only given at the successful completion of the master's degree.**

NOTE: Teaching certificates are available at the graduate level for Reading Alternative route for secondary teaching certification, and all areas of

Special Education, as well as the Speech and Language Impaired Program described above. Graduate level certification programs are also available for School Psychology and School Administration.

All students enrolled in the University's approved Teacher Education programs should read carefully the High School, Special K-12, Middle Level, Elementary, Early Childhood Education, or Special Education section following for Professional Education requirements (including a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student teaching) and *Field of Study or Area of Specialization (Major/Minor) requirements*. Students must also complete the appropriate General Education requirements.

Teacher Education Major and Minor:

To receive a certificate a student must complete a Teacher Education sequence for one of the majors listed previously. A student may also complete requirements for any other major or minor.

Students seeking a high school teaching certificate through one of the following fields must also complete the requirements for a second teaching field: Health, Physics, Speech, and Theatre.

A grade point of 2.5 or higher is required in both the first and second teaching fields. The respective department or school will provide information on course work needed to complete the second teaching field.

Endorsements: The minimum course requirements for teaching fields for elementary and high school certificates are defined by the State of Illinois and are listed on the certificate as an endorsement. One or more endorsements may be earned by completing requirements for the elementary or high school certification programs at Illinois State University. Additional endorsements may be earned through the completion of the specified course work. Contact your advisor for information on requirements for endorsements.

General Education

To meet certification requirements of the Illinois State Board of Education, all Teacher Education programs must meet general education requirements defined for the institution's approved entitlement programs. Effective fall 1998, all native students entering Illinois State University will complete the University's new General Education Program. For teacher education students, completion of Illinois State University's General

Education Program ensures that the general education requirements for teacher certification have been met.

Transfer Students:

Several options satisfy general education requirements for certification relative to transfer students. The Illinois Articulation Initiative General Education program, including a global perspective course, may be the general education component for Illinois State entitlement programs for the transfer student who does not choose to complete the university's new general education program. Other options include the Illinois State's University Studies general education (97-98 or earlier catalogs), an approved baccalaureate-oriented A.A., A.S., or a bachelor's degree from a regional accredited institution, including a global perspective course. All of these options must include at least one global perspective course (Non-Western studies).

Completion of General Education Program requirements does not ensure that the requirements for certification have been met. Students are reminded that some courses are required by specific programs: Introductory Psychology is a prerequisite for Educational Psychology; a "C" or better in an English Composition course and a Speech course are required for Admission to Teacher Education.

CERTIFICATES

Early Childhood Education (Type 04) (Age 0-Grade 3)

Candidates completing the Early Childhood Education Major will earn a certificate for teaching in preschool through grade 3. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Early Childhood certificate and (2) the Major and Professional Education requirements for an Early Childhood Education Major. The General Education requirements for transfer students are listed in the previous section. Students should work closely with an advisor in selecting courses which will meet the General Education Program requirements for certification. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student teaching, STT 399.

Elementary School (Type 03) (Grades K-9)

Candidates completing the Elementary Education Major will earn a certificate for teaching in kindergarten through ninth grade. The student may also elect to complete requirements for one or more endorsements to teach upper-level elementary/junior high/middle school subjects. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate and (2) the Major and Professional Education requirements for the Elementary Education Major. Previously listed are the requirements for General Education for Elementary Education certification for transfer students. Students should work closely with an advisor in selecting courses which will fulfill the requirements of General Education for certification. Optional endorsements, Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog*. Students will also complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to Student Teaching, STT 399. Requirements for endorsements are available from Curriculum and Instruction departmental advisors. Endorsements to the certificate are required in order to teach departmentalized courses in the upper elementary, middle-school, or junior-high schools. An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and completes the proposed required courses for the Bilingual/bicultural sequence, may be certified as an elementary school teacher with bilingual/bicultural approval.

Middle Level Teacher Education (Type 03) (Grades K-9)

Candidates completing the Middle Level Teacher Education Major will earn a certificate for teaching in kindergarten through ninth grade with two or more endorsements to teach upper-level elementary/middle school/junior high school subjects. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate, (2) the Major and Professional Education requirements for the Middle Level Teacher Education Major, and (3) specialization requirements. The requirements for General Education for transfer students are listed in the previous section for Elementary Education certification. Students should work closely with an advisor in selecting courses which will meet the

requirements of General Education Program, General Education for certification, and specialization. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of the *Undergraduate Catalog*. Students will also complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to Student Teaching, STT 399.

Students in the program may prepare themselves to teach in selected subject areas of the junior high/middle school: Language Arts, Science, Social Studies, Health, Physical Education, Mathematics, Industrial Arts, Art, and Reading. See the description for the Middle Level Teacher Education program in the Curriculum and Instruction section of the *Undergraduate Catalog*. Students should confer with their academic advisors when selecting courses in the areas of concentration so that such courses may enable them to meet the Illinois State Board of Education requirements for endorsements. A certificate must be endorsed in order to teach junior high, middle school, and departmentalized upper elementary.

High School (Type 09) (Grades 6-12)

Candidates completing a Teacher Education sequence of a specified major will earn a certificate for teaching grades 6-12. To complete requirements for this certificate, the student must complete (1) the General Education requirements for High School Certificates, (2) the Professional Education requirements for Secondary Majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Students seeking secondary education certification (6-12) interested in teaching in a departmental Middle School and a Junior High will need a Middle Level Teacher Education endorsement after July 1, 1997. For specific details, contact the Teacher Education advisor in the respective academic area.

Professional Education Requirements:

Each student preparing to teach at the secondary level (6-12) must complete the following Program: EAF 228 or 231 or 235 (3 hrs); PSY 215 (3 hrs); C&I 214 (2 hrs), 215 (2 hrs), 216 (4 hrs), STT 399; all Professional Education courses must be passed with a grade of C or higher; a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences prior to student

teaching. Special Methods courses are listed as part of the academic major. Courses to meet Professional Education requirements may not be taken for CT/NC.

FIELDS OF STUDY

Fields of Study Requirements:

The student must complete a Teacher Education sequence of a specified major to earn a 6-12 teaching certificate. The approved Teacher Education Major or Comprehensive Major may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of this *Undergraduate Catalog*. Education minors or a second major may be elected by any student.

Fields of Study:

Agriculture—Education Major
 Anthropology—Education Minor
 Art—Education Minor
 Biological Sciences—Education Major and Education Minor
 Business Teacher Education—Education Major and Education Minor
 Chemistry—Education Major and Education Minor
 Economics—Education Minor
 English—Education Major and Education Minor
 Family and Consumer Sciences—Education Major
 French—Education Major and Education Minor
 Geography—Education Major and Education Minor
 German—Education Major and Education Minor
 Health—Education Major and Education Minor
 History—Education Major and Education Minor
 Industrial Technology Major—Technology Education Sequence
 Journalism—Education Minor
 Mathematics—Education Major and Education Minor
 Music—Education Minor
 Philosophy—Education Minor
 Physical Education—Education Major and Education Minor
 Physics—Education Major and Education Minor
 Political Science—Education Minor
 Psychology—Education Minor
 Reading—Education Minor
 Social Sciences—Education Major
 Sociology—Education Minor
 Spanish—Education Major and Education Minor
 Speech Communication—Education Major and Education Minor
 Teaching English as a Second Language—Education Minor
 Theatre—Education Major and Education Minor

Students should confer with their academic advisors when selecting courses in the minor area

so that such courses may enable them to meet requirements of the Illinois State Board of Education endorsements which must be satisfied in order to teach in high schools in Illinois. Requirements of endorsements are available from Department advisors and the Academic Advisement Center.

Special (Grades K-12) - other than Special Education (Type 10)

Candidates completing a comprehensive major in selected fields of study may earn a certificate for teaching the subjects named therein in all grades of the common school. To complete requirements for this certificate, the student must complete (1) the General Education requirements for a High School Certificate, (2) the Professional Education requirements for K-12 majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Professional Education Requirements:

Each student preparing to teach at the K-12 level must complete the following courses: EAF 228 or 231 or 235 (3 hrs); PSY 215 (3 hrs); C&I 214 (2 hrs), 215 (2 hrs), 216 (4 hrs); all Professional Education courses must be passed with a grade of C or higher; a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites; Student Teaching 399. Students enrolled in Special K-12 programs will be assigned to do student teaching in K-12 sites. Courses to meet the Professional Education requirement may not be taken for CT/NC. K-12 Music majors are not required to complete C&I 214 or 216.

Fields of Study Requirements:

An approved Teacher Education program for students enrolled in a Special K-12 Program may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of the *Undergraduate Catalog*:

Art—Comprehensive Education Major

Business Teacher Education—Business Teacher Education Major

Music—Education Major

Physical Education—Education Major

Speech Pathology—Comprehensive Education

Major (students must have a master's degree in the field to obtain the Illinois Certificate in Speech and Language and the ASHA Clinical Certificate.)

Students who complete one of the programs above and earn a K-12 certificate may teach only in that area. Students may complete any minor listed for the 6-12 certificate but may not teach in that area until a 6-12 certificate is granted through entitlement or transcript evaluation. Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education.

Special Education (P-21 or K-12) (Type 10)

Students in Special Education may complete a sequence in any of the following areas: Specialist in Learning and Behavior, Specialist in Deaf and Hard of Hearing, and Specialist in Low Vision and Blindness. To ensure full certification, the pattern of preparation should include General Education as previously described for transfer students, and the Professional Education and Area of Specialization requirements described in the Special Education section of this *Undergraduate Catalog*.

All students will complete a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites. Students enrolled in the approved Special Education sequences will be assigned to do student teaching in K-12 sites.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Observation, participation, studies of individual pupils, simulated teaching, individual field work, student teaching and practicum are included in the Clinical Experiences program. The experiences offered prior to student teaching are usually integral parts of specific college courses. Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Office of Clinical Experiences and Certification Processes coordinates all placements for Clinical Experiences. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description in this *Undergraduate Catalog*. The following legend relates to the type and kind of activity related to a specific course.

teachers are assigned only to classrooms that have regularly employed full time and fully qualified teachers. Assignments are not made to a school in which the student teacher is concurrently employed as a teacher nor to schools that are in his/her home communities or in communities in which she/he is currently residing. A student teacher may not earn academic credit and receive a salary or an income for the same teaching experience.

During this period in the school, the student teacher works with one or more cooperating teachers who are responsible for teaching a specific group or groups of pupils. These cooperating teachers, along with the college supervisors, have responsibility for guiding and evaluating the work of the student teacher. During this experience, the student becomes a member of the school staff and of the community in which he or she is working (co-curricular activities and community affairs are a part of the student teaching experience).

Any student who has a prolonged illness or temporary disability and who is unable to continue in his/her student teaching assignment should consult with the Director of the Office of Clinical Experiences. A clearance from a physician will be required stating that the student is again able to continue in his/her student teaching assignment without any contingencies.

The Director of Clinical Experiences, upon the recommendation of the college supervisor, chairperson, or director of the student's major department or school, may remove a student from the assignment or require a student to do additional work and continue student teaching until the student is sufficiently competent to be recommended for certification. Entitlement for certification is not an automatic procedure.

Student teaching assignments begin and end on the dates indicated in the student's official notice of assignment. Ordinarily, the student is expected to follow the school calendar of the school in which student teaching is done insofar as vacations and school holidays are concerned. Changes in dates involved in an assignment must receive the prior permission of the Director of Clinical Experiences.

A teacher education candidate for initial certification must earn a grade of "C" or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Complaints Regarding Teacher Education Matters:

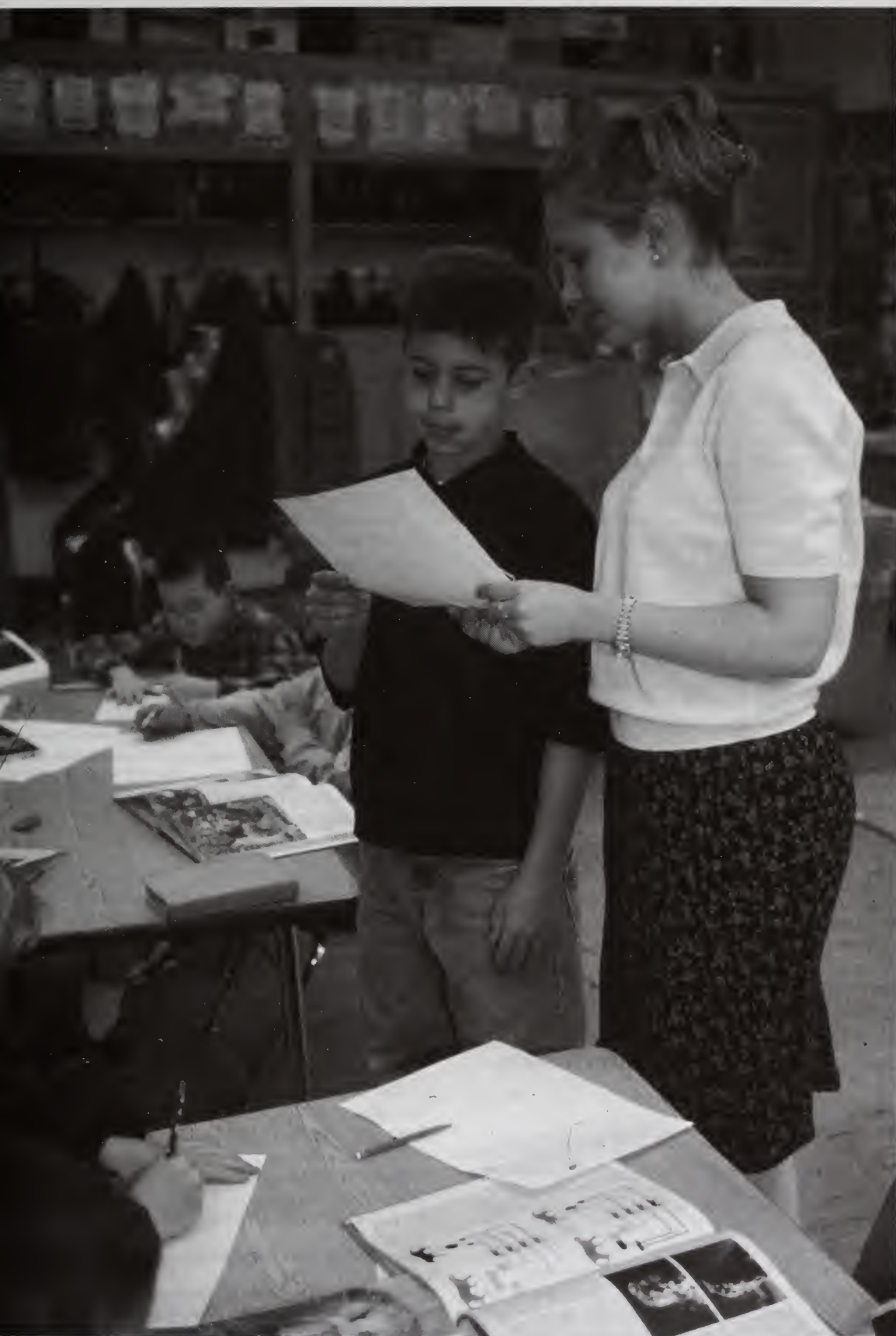
For information on how to appeal department and college decisions regarding admission, retention, evaluation, and certification relative to Teacher Education, contact the Office of Clinical Experiences and Certification Processes, 310 DeGarmo Hall. All appeals regarding teacher education will be reviewed only by the Teacher Education Review Board/Council for Teacher Education.

Certification for Persons Who Have Been Convicted of a Crime

Students who have been convicted of felonies or any sex, narcotics or drug offenses may be ineligible for certification in the State of Illinois. If candidates can answer "yes" to any of the following questions, they must contact the Director of the Office of Clinical Experiences in DeGarmo Hall prior to application for Admission to Teacher Education:

Have you ever been convicted of a felony, or any sex, narcotics or drug offense in Illinois or any other state? Have you ever been named by a state agency responsible for child welfare as a perpetrator in an indicated report of child abuse or neglect if such report was not reversed after exhaustion of any appeal? Are you in default on an Illinois student loan for which you have failed to establish a satisfactory repayment plan with the Illinois Student Assistance Commission? Have you ever had a certificate denied, suspended or revoked in Illinois or any other state? Have you failed to file a tax return with the Illinois Department of Revenue, or failed to pay any tax, penalty, or interest owed or any final assessment of same for any tax as required by law administered by that Department was not subsequently resolved to the Department's satisfaction?

In many cases such offenders may become certified as teachers in the State of Illinois if the offense is not one which bars the person from certification and employment in public schools and if the institution has followed certain procedures. According to the Illinois State Board of Education, institutions should have information regarding convictions at the beginning of a student's career in teacher education. This allows the institution time to observe the student's performance and the State Board time to determine whether the conviction is one which would bar an individual from employment in a public school or from certification.



COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Dean: J. Robert Rossman, 143 Turner Hall.

The College of Applied Science and Technology is home to eight departments that offer programs to prepare students for professional and technical positions in education, government, business, and industry. Five departments in the College also offer teacher preparation programs. Faculty in the College are dedicated to the personal and academic development of their students as well as the discovery and application of theoretical knowledge and the advancement of professional practice in their respective areas. This is accomplished through a dynamic partnership of interdisciplinary learning, scholarship, and service that is built on a collaboration among students, faculty, and members of the professional community.

The following eight departments are housed in the College: Agriculture; Applied Computer Science; Criminal Justice Sciences; Family and Consumer Sciences; Health Sciences; Kinesiology and Recreation; Military Science and Technology.

The College also offers graduate programs in seven departments including Agriculture; Applied Computer Science; Criminal Justice Sciences; Family and Consumer Sciences; Health Sciences; Kinesiology and Recreation; and Technology. Descriptions and requirements of these programs may be found in the *2002-2003 Graduate Catalog*.

AGRICULTURE (AGR) 502

150 Turner, (309) 438-5654

Web address: www.cast.ilstu.edu/agr/agrhome.htm

Email address: isuagr@ilstu.edu

Chairperson: J. Randall Winter.

Tenured/Tenure-track Faculty:

Professors: O'Rourke, Tudor, Walker, Whitacre, Winter, Wood.

Associate Professors: Moore, Smicklas.

Assistant Professors: Kingman, Rhykerd, Wiegand.

General Department Information

HONORS IN AGRICULTURE

The Department offers honors work in Agriculture to highly qualified juniors and seniors who will pursue an individualized program of study. The Honors Program enables the superior student to reinforce guided private study in agricultural topics of the student's own choosing with seminar-style research. Students interested in participating in the departmental Honors Program may secure further information by contacting the Chairperson of the Department of Agriculture. The Department also offers in-course honors work in all its courses for students enrolled

in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor.

Agribusiness Program

Degree Offered: B.S.

MAJOR IN AGRIBUSINESS

Agribusiness Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: ACC 131; AGR 109, 110, 130, 150, 170; CHE 110 and 112 or 140; ECO 105; MAT 120.
- The student must complete a minimum of 12 semester hours (within the 36 required in Agriculture) in Agricultural Economics courses selected from AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320. AGR 295, 394, and 395 do not count toward this major.
- The student must complete a minimum of 9 hours from a combination of Agricultural Engineering Technology, Agronomy, Animal Science, or Horticulture Science (in addition to AGR 130, 150, and 170).
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Horticulture Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses: AGR 109, 110, 120, 130, 157; AGR 150 or BSC 196 or 197 (AGR 150 preferred); ECO 105; ACC 131; FIL 208; MAT 120; CHE 110 and 112, or 140.
- 12 hours from AGR 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.
- AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Program

Degree Offered: B.S.

MAJOR IN AGRICULTURE

General Agriculture Sequence:

- 36 hours in Agriculture required.
- A minor or second major is required.
- Agriculture core required courses: AGR 109, 110, 130,

150, and 170.

- Additional required courses: BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
- At least 1 additional course in each of 3 of the 4 following specialized areas of Agricultural Economics, Agricultural Engineering Technology, Agronomy, and Animal Science. AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Industry Management Sequence:

- 55 hours in Agriculture or Agriculture and Industrial Technology required.
- Agriculture core required courses: AGR 109, 110, 130, 150, 170.
- Additional required courses: AGR 157 (required for Agronomy Industry Management Concentration) or 171 (required for Animal Industry Management Concentration) or TEC 110 (required for Agricultural Engineering Technology Management Concentration); CHE 110 and 112 or 140; ECO 105; MAT 119 or 120 or 144.
- 8 hours of Agriculture electives.
- 15 hours of Agribusiness (including AGR 110).
- 23 hours of Animal Science electives including AGR 170 and 171; or 23 hours of Agronomy electives including AGR 150 and 157; or 22 hours of Agriculture Engineering Technology or Industrial Technology (including AGR 130 and TEC 110).

Concentrations: Students selecting the Agriculture Industry Management Sequence may elect an Animal Industry Management Concentration or an Agronomy Industry Management Concentration or an Agriculture Engineering Technology Management Concentration. Students may choose courses from among the following lists for each concentration.

- **Animal Industry Management:** Animal Science courses (AGR 171, 271, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
- **Agronomic Industry Management:** Agronomy courses (AGR 157, 250, 251, 263, 272, 355, 357, 358, 363), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
- **Agriculture Engineering Technology Management:** Agricultural Engineering Technology and Industrial Technology courses (AGR 231, 232, 234, 235, 340, 383; TEC 110, 111, 116, 130, 131, 151, 208), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).

Agricultural Science Sequence:

- 36 hours in Agriculture (including at least 20 hours in either Animal Science or Agronomy) and 25 hours in Biological Sciences, Chemistry, Physics or Mathematics.

- Agriculture core required courses: AGR 109, 110, 130, 150, 170.
- At least 3 senior-level hours from the Agricultural Economics area (213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320).
- Additional required courses: AGR 272 or BSC 219; AGR 171 (required for Animal Science Concentration) or AGR 157 (required for Agronomy Concentration); MAT 120 or 144; AGR 363 or PSY 240; CHE 110 and 112 or 140 and 141; CHE 220 or 230 and 231; CHE 242 or 342 or 280 (CHE 280 is recommended for the Agronomy Concentration); BSC 196 or 197; BSC 211 (recommended for Agronomy Concentration or 283 recommended for Animal Science Concentration).

Concentrations: Students selecting the Agriculture Science Sequence may elect an Animal Science Concentration or an Agronomy Concentration. Students may choose courses from among the following lists for each concentration.

- **Animal Science:** AGR 171, 271, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378.
- **Agronomy:** AGR 157, 250, 251, 263, 272, 355, 356, 357, 358, 363.

Agriculture Education Sequence:

All Agriculture Education students planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). A cumulative 2.5 GPA and 2.5 in the major are required for admission and retention in the sequence. Students are encouraged to consider a second certification in an academic area such as Biological Sciences, Chemistry or Mathematics.

- 55 hours in Agriculture required.
- Agriculture core required courses: AGR 109, 110, 130, 150, and 170.
- Additional required courses: AGR 120, 157, 171, 190, 205, 214, 232, 295, 394 and 395; BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
- Professional Education requirements: EAF 228 or 231 or 235; PSY 215; C&I 214, 215, and 216; a minimum of 100 clock hours of approved pre-student teaching clinical experiences; and Student Teaching 399 (10 hours). All Professional Education courses must be passed with a grade of C or higher. Program leads to certification: Secondary 6-12.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following

legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN AGRICULTURE

- 24 hours in Agriculture required.
- Required courses: AGR 110, 130, 150, 170.

Agriculture Courses

In meeting program requirements in Agriculture, the student should note that the courses are considered in areas, as follows:

General courses: 109, 198, 201, 203, 205, 302, 303, 398.

Agricultural Economics: 110, 213, 214, 215, 216, 310, 312, 313, 314, 315, 316, 317, 318, 319, 320.

Agricultural Education: 190, 295, 394, 395.

Agricultural Engineering Technology: 130, 231, 232, 234, 235, 340, 383.

Agronomy: 150, 157, 250, 251, 263, 272, 352, 355, 357, 358, 360, 363.

Animal Science: 170, 171, 271, 272, 274, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378.

Horticulture Science: 120, 150, 157, 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.

109 INTRODUCTION TO THE AGRICULTURAL INDUSTRY 1 F,S
The development of agriculture as an industry; contributions of agriculture to society; the technology of the industry.

110 INTRODUCTORY AGRICULTURAL ECONOMICS 3 F,S
Fundamental principles of economics applied to agriculture, agriculture finance, prices, taxation, marketing, and land use.

120 INTRODUCTORY HORTICULTURE 3 F
Introduction to principles and practices in development, production, and use of horticultural crops (fruits, vegetables, greenhouse, floral, turf, nursery, and landscape).

130 INTRODUCTION TO AGRICULTURAL ENGINEERING TECHNOLOGY 3 F
Lecture and lab. Materials charge optional.
Place of mechanics in agriculture. Examples, problems, discussions, and laboratory exercises in present and future mechanics applications.

150 PRINCIPLES OF AGRONOMY 4 F
Lecture and lab. Formerly INTRODUCTION TO PLANT SCIENCE.

Fundamentals of plant science; importance, classification, distribution, and production practices of the major crops of the world.

157 SOIL SCIENCE 4 S
CHE 110 and 112 or equiv req. Lecture and lab.
Origin and formation, physical and chemical properties, moisture relationships, liming and fertilizing soils. Chemical and physical tests of soils.

170 INTRODUCTION TO ANIMAL SCIENCE 4 F or S
Lecture and lab.

Breeding, selection, genetics, nutrition, physiology, and production of farm animals. Fundamentals of animal science.

171 INTRODUCTION TO ANIMAL NUTRITION 4 F or S
AGR 170 req. Formerly LIVESTOCK FEEDING PRINCIPLES.

Study of nutrients, their metabolism and utilization; digestive physiology in ruminants and non-ruminants; diet formulation and ration balancing.

190 INTRODUCTION TO AGRICULTURAL EDUCATION 2 S
Incl Clin Exp: 10 hrs, Type 1, 5, 6.

Introduction to agricultural teaching profession, overview of the total agricultural program, philosophical base of education process, and teaching special-need students.

198 PROFESSIONAL PRACTICE: FARM INTERNSHIP 1-6 F,S,Summer
Maj only. Approved application req. CR/NC only. Min 45 hrs experience/hr credit.

Experience in basic agricultural operations.

201 RESOURCES, FOOD, AND SOCIETY: A GLOBAL PERSPECTIVE MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies.

203 AGRICULTURE AND THE ENVIRONMENT OC-DKCC/SMT 3 F,S
Inner Core req. MC-IS category req.

Examination of contemporary environmental issues that are strongly linked to current and past agricultural practices.

205 MICROCOMPUTER APPLICATIONS IN AGRICULTURE 3 F,S
AGR 110, 130, 150, and 170 req.

Introduction to microcomputer applications specific to agriculture.

- 213 FARM MANAGEMENT** 3 F,S
Factors of production, such as equipment, labor distribution, cropping systems, and soils; organization and operation; types of farming.
- 214 AGRICULTURE MARKETING** 3 F,S
Markets, price-making forces, reasons for existing practices, marketing services, and cooperative marketing.
- 215 AGRIBUSINESS OPERATIONS** 2 F,S
Procedures and methods of profitable operations used by agricultural business; lectures and discussions pertaining to the *world of work* by successful agribusiness leaders.
- 216 FARM ACCOUNTING** 3 F,S
Standard farm business accounting methods and procedures, financial measures of success, inventories, depreciation, net worth, income tax, budgeting and cash flow, and business analysis.
- 231 AGRICULTURAL CONSTRUCTION AND MAINTENANCE** 3 S
AGR 130 req. Lecture and lab.
Selection, use, and maintenance of hand and power tools and equipment for construction and maintenance in agriculture; shop organization; shop safety.
- 232 AGRICULTURAL POWER UNITS AND MACHINERY** 3 S
Lecture and lab.
Principles of single and multiple cylinder engine operation. Selection, adjustment, operation, and maintenance of field machinery.
- 234 SOIL AND WATER CONSERVATION** 3 F
Lecture, lab, and field trips.
Drainage, soil erosion control, water conservation on farms; planning, materials, construction, repair, and adaptation of structures to farm needs.
- 235 FARM UTILITIES** 3 S
Lecture and lab. Offered even-numbered years.
Application of electricity for light, heat, and power; principles of operation, selection, and installation of electrical equipment. Water supply and sewage systems.
- 250 CROP GROWTH AND DEVELOPMENT** 4 S
AGR 150 or equiv req. Lecture and lab. Formerly FIELD CROP PRODUCTION. Materials charge optional.
Crop management and plant growth as influenced by the environment, plant species, cropping systems, and principles of integrated crop management (ICM).
- 251 FORAGE MANAGEMENT** 3 S
AGR 150 or equiv req. Lecture and lab. Formerly FORAGE CROP PRODUCTION.
Forage plant management and utilization as influenced by genetic, environmental, and post-harvest factors, with emphasis on cool season perennial species.

- 252 LANDSCAPE MANAGEMENT** 3 F
AGR 150 and 157 or cons inst req. Lecture and lab.
Cultural practices and principles in the selection and care of ornamental plants for landscape and garden use. Introduction to landscape design and maintenance.
- 253 FLORAL DESIGN** 3 F
Lectures and practice in floral designing. Materials charge optional.
Principles and practice in the design of floral arrangements. Introduction to the operation of retail florist businesses.
- 254 HERBACEOUS PLANT MATERIAL** 3 S
AGR 120 req. Lecture and lab. Field trip. Offered even-numbered years in the spring.
Identification, selection, use, and management of annuals, perennials and ornamental grasses in the landscape.
- 255 LANDSCAPE PLANTS** 3 F
Intensive field study supplemented by lectures. Offered odd-numbered years.
Identification and landscape value of ornamental trees, shrubs, vines, and ground cover.
- 256 LANDSCAPE PLANTS II** 3 S
AGR 255 req. Intensive field study; lecture.
Continuation of AGR 255. Identification and landscape value of additional species of ornamental trees, shrubs, vines, groundcovers, perennials and annuals.
- 257 FRUIT AND VEGETABLE PRODUCTION** 3 F
AGR 120 req. Lecture and lab. Field trip.
Horticultural food crop identification, production and cultural requirements. Introduction to quality determinations, pest control and marketing.
- 260 GREENHOUSE OPERATION AND MANAGEMENT** 3 S
AGR 157 and either BSC 196 or 197 or AGR 150 or equiv req. Lectures and greenhouse practices. Materials charge optional.
Commercial greenhouse operation and management; growth media, temperature and light factors, irrigation, fertilization, growth regulation and pest control programs.
- 262 NURSERY MANAGEMENT** 3 S
AGR 120 or 150 req. Lecture and lab. Field trip req. Offered odd-numbered years.
Commercial nursery production and management including: nursery site selection; nursery development, container and field stock; nursery facilities and equipment requirements.
- 263 WEED SCIENCE** 3 F
AGR 150 or equiv req. Lecture and lab.
Principles and practices of weed management systems, including chemical and non-chemical controls. Identification and biology of common weed species.

271 FOODS OF ANIMAL ORIGIN 3 F*CHE 110, 112, or 140, 141 req. Lecture and lab.*

Concepts of food-animal products (meat, dairy, eggs) including their nutritive value, packaging, marketing chain, and value-added technology.

272 AGRICULTURAL GENETICS 3 F

Heredity, variation, and development of domesticated plants and animals. Mendelian genetics, mutations, linkage, quantitative inheritance, and population genetics.

274 DAIRY SCIENCE 4 F*AGR 170 req; 171 rec. Lecture, lab, and field trips.*

The dairy industry; breeds, selection, judging, care, and management of dairy cattle; quality milk production, milk products, and milk testing.

276 SWINE MANAGEMENT 3 F*AGR 170 and 171 req. Lecture and lab.*

Breeds, care, and management of breeding herd; care and feeding of swine, selecting swine for breeding and marketing.

280 LIVESTOCK AND DAIRY CATTLE SELECTION 3 S*Lab and field trips. Formerly LIVESTOCK SELECTIONS.*

Fundamentals of livestock and dairy selection; relation to production, marketing, and showing.

282 LIVESTOCK HEALTH AND DISEASES 3 F*AGR 170; BSC 196 or 197 req.*

Animal physiology, anatomy, sanitation, and diseases. Prevention and control of diseases of domesticated species of livestock.

283 ARTIFICIAL INSEMINATION OF FARM ANIMALS 3 S*Lecture and lab.*

Principles of artificial insemination and factors affecting conception in natural and artificial breeding.

284 LIVESTOCK PRODUCTION SKILLS 3 F*AGR 170 req. Cons inst req. Lecture, lab, and field trips.*

Study and mastery of skills required in livestock production and different methods and tools used to perform these skills.

285 MEAT SCIENCE 3 S*Lecture and lab. Offered odd-numbered years. Materials charge optional.*

Comprehensive treatment of the meat industry and presentation of basic facts about one of our most important food products.

286 BEHAVIOR OF DOMESTIC ANIMALS 3 S*AGR 170 rec.*

Behavioral patterns and systems, group formations, socialization, physical environment, genetic and physiological factors as they relate to domestic animals.

288 ADVANCED LIVESTOCK AND DAIRY CATTLE SELECTION 3 F
AGR 280 req. Lab and field trips. Formerly ADVANCED LIVESTOCK SELECTION.

Judging various species of livestock in relation to their functions in the show ring and market and the presentation of oral reasons.

290 HORSE SCIENCE 3 S*AGR 170 or documented evidence of 3 years experience with horses req. Offered even-numbered years.*

Anatomy, physiology, nutrition, and genetics applied specifically to horses.

295 SUMMER INTERNSHIP IN AGRICULTURAL EDUCATION 3 Summer*Adm to Teacher Ed req. Incl Clin Exp: 100 hrs, Type 1-4, 9.*

Experience in the profession of agricultural education in high school. Includes program planning and working with special-needs students.

302 SPECIAL PROBLEMS IN AGRICULTURE 1-3 F,S,Summer*Maj/min in Agriculture or Agriculture Business; 2.5 GPA req. May be repeated; max 6 hrs.*

Special work in research interests of student and staff. Projects must be approved by the staff member and the Chairperson of the Department.

303 SEMINAR IN AGRICULTURE 1 F,S*Sr or grad standing req.***310 RURAL APPRAISALS 3 F or S***AGR 216 or 318 or ACC 131 rec, and an academic background in agriculture. Field trips.*

Principles, procedures, and terminology for evaluating rural property; preparation of appraisal reports as currently prepared by qualified and experienced rural appraisers.

312 ADVANCED FARM ACCOUNTING 3 S*AGR 213 and 216 req.*

Advanced farm business records and analysis with emphasis on computer applications.

313 ADVANCED FARM MANAGEMENT 3 S*AGR 213 and 216 req.*

Farm business decisions and their interrelationships. Examination of statics, dynamics, and uncertainty in agricultural decision-making.

314 GRAIN MARKETING 3 F*AGR 214 req.*

Economics and marketing problems in grain industry; emphasis on futures marketing.

315 FINANCIAL MANAGEMENT AND ANALYSIS OF THE AGRIBUSINESS FIRM 3*AGR 215; MAT 120; and AGR 216 or ACC 131 or cons inst req.*

Application of quantitative concepts and methods to the analysis and financial management of proprietary and cooperative agribusiness firms.

316 LIVESTOCK MARKETING 3 S*AGR 214 req.*

Economic principles applied to marketing of livestock and livestock products. Consideration given to producers, processors, and distributors.

317 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT 3 F,S*AGR 215 or cons inst req.*

Marketing management and decision-making as they relate to corporate and cooperative marketing and strategic problem solving in the food industry.

318 AGRICULTURAL FINANCE 3*AGR 216 or ACC 131 req.*

Principles of agricultural finance including the capital requirements, the sources of credit, and the optimum uses of capital.

319 AGRICULTURAL POLICIES AND PROGRAMS 3 F*AGR 110 req.*

History and impact of governmental intervention in agriculture. Examination of major agricultural programs, past and present.

320 FARM COMMODITY PRICING 3 F*AGR 214 req.*

Theory and mechanics of price determination for agriculture commodities.

340 EQUIPMENT FOR PRODUCING AND HANDLING AGRICULTURAL PRODUCTS 3 S*AGR 130 req. Lecture, lab, and field trips. Offered odd-numbered years.*

Selection, design, operation, adjustment, and maintenance of machinery and equipment used in producing, storing, and processing agricultural products.

352 TURF MANAGEMENT 3 F*AGR 150 or BSC 196 or 197 req. Offered even-numbered years.*

Principles and practices used in management of turf-grasses, residential and recreational turf.

353 LANDSCAPE DESIGN AND CONSTRUCTION 3 S*AGR 252 and 255 req. Lectures and practice in landscape design. Offered even-numbered years.*

Problem approach to landscape design and construction. Site surveys and analyses. Plant selection and preparation of functional designs.

355 PLANT BREEDING AND BIOTECHNOLOGY 3 S*AGR 272 or equiv req. Formerly PLANT BREEDING. Offered even-numbered years.*

Breeding procedures and techniques used in developing new varieties of field crops.

356 PLANT PROPAGATION 3 S*AGR 150 or BSC 196 or 197 req. Lecture and lab.**Offered odd-numbered years. Materials charge optional.*

Basic principles and commercial practices involved in sexual and asexual propagation of agricultural plants.

357 SOIL FERTILITY AND FERTILIZERS 4 S*AGR 157 req. Lecture, lab, and field trips.*

Fundamental concepts of soil fertility and fertilizer manufacturing. Plant nutrition, factors affecting plant growth, soil-plant relationships, and macro- and micro-nutrients.

358 SOIL MANAGEMENT 4 F*AGR 157 req. Lecture and lab.*

Applications of physical and chemical properties of soils to their management.

363 AGRICULTURAL EXPERIMENTATION 3 S*MAT 120 or 144 req. Lecture and lab. Offered odd-numbered years.*

Principles of agricultural research for plant and animal sciences; includes design, data collection, interpretation, and presentation of results.

371 FEEDLOT MANAGEMENT 3*AGR 170 and 171 rec. Lecture lab, and field trips. Formerly AGR 275.*

Study of the cattle industry from backgrounding calves to marketing finished cattle, including cattle management, financing, marketing, and facility design.

372 LIVESTOCK BREEDING 3*AGR 272 or BSC 319 req.*

Reproduction and principles of heredity and their application to livestock breeding; population genetics, inbreeding, relationship, outbreeding, and selection.

375 ANIMAL NUTRITION 3*AGR 170 and 171 req. Field trips. Offered odd-numbered years.*

Science of animal nutrition; special attention to recent discoveries pertaining to the protein, mineral, and vitamin requirements of livestock.

378 BEEF COW-CALF MANAGEMENT 3 S*AGR 170 and 171 req. AGR 213 and 216 rec. Lecture, lab, field trips, and overnight calf watch at University Farm. Formerly 278.*

Study of the beef cow-calf industry from both a purebred and commercial perspective including management skills required for cow-calf production.

383 AGRICULTURAL ACCIDENT PREVENTION 3*CHE 110, 140 or cons inst or adm to Environmental Health and Safety graduate program req. Half-day Saturday field trip at end of sem req. Also offered as HSC 383. Formerly AGR 373.*

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement countermeasures.

394 METHODS AND PROCEDURES IN AGRICULTURAL EDUCATION 3 F*Incl Clin Exp: 10 hrs, Type I-6, 9. Adm to Teacher Ed req. Formerly AGR 396.*

Procedures in planning, conducting, and evaluating an agricultural education program; pragmatic interfacing of learning theories, philosophy and guidance with instructional programs in agriculture.

395 PROFESSIONAL SEMINAR IN AGRICULTURE EDUCATION 2 S

STT 399 conc reg req. Adm to Teacher Ed req.

In-depth analysis of selected trends, issues, problems confronting the agricultural educator.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN AGRICULTURE 1-6 F,S,Summer

Maj in any AGR program; 2.5 GPA; 8 hrs of course work in intern area; approved application req. May be repeated; max 6 hrs.

Supervised on-the-job experience in an agriculture setting. Minimum 45 hrs experience/credit.

APPLIED COMPUTER SCIENCE (ACS) 515

202 Old Union, (309) 438-8338

Web address: www.acs.ilstu.edu

Chairperson: Robert Zant.

Tenured/Tenure-track Faculty:

Professors: Beccue, C. Chrisman, Gyires, Zant.

Associate Professors: Abuelyaman, Crow, Doss, Lim, Rariden, Vila, Walstrom, Wen.

Assistant Professors: Brumbaugh, Califf, Coliz, Myerscough, Rendon, Wallace.

General Department Information

The Applied Computer Science Department offers three degree programs: Information Systems, Applied Computer Science, and Telecommunications Management. All three require substantial interpersonal communication skills as well as technical skills in computing, information technology and networks. The curricula have a strong practical emphasis on the application of computers, systems, and networking techniques to real world problems. Practical skills and applications are balanced with exposure to the knowledge base that underlies the field of computing. A core of 5 courses (16 hrs) provides a common foundation for each degree program.

Both the Information Systems and Applied Computer Science programs prepare a student for an application development oriented computing career, but, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and built. Starting positions for either program include such job titles as programmer or programmer/analyst. The Telecommunications Management program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained.

Department minors are intended to help majors in other departments focus on specific skills and electives which are relevant for their career needs. Minors are available in Information Systems and in Computer Science.

Academic Requirements:

For any student who enrolls in a course in the Applied Computer Science Department, a grade of C or higher is required in all prerequisite courses. For majors, only courses in which the student has received a grade of C or higher may be counted toward the hours required in the major, including supporting requirements.

A student cannot pursue a double major with any two programs in the ACS Department. Also, a student cannot pursue both a major and a minor in the ACS Department.

Admission Requirements:

A student may enter a major or minor in the Applied Computer Science Department as a new freshman, a transfer student, or as a change of major at Illinois State University. Students should contact the Applied Computer Science undergraduate advisor or University Admissions for minimum GPA requirements.

Continuation Requirements:

After enrolling in a major degree program in the ACS Department, continuation in that major is contingent upon completing the ACS core (ACS 160, 168, 169, 254, 261) with a "C" or better in every core course, a GPA for the core of 2.5 or higher, and with no more than 2 course repeats. No student in a major degree program in the ACS Department will be permitted to enroll in more than six (6) hours of ACS classes beyond the core until the ACS core is successfully completed as just outlined.

Transfer Students:

Proficiency with the C++ programming language is expected in 200- and 300-level Applied Computer Science courses and usually obtained by completing ACS 168 and 169, or ACS 275.

HONORS IN APPLIED COMPUTER SCIENCE

The Department offers honors work in all programs to highly qualified juniors and seniors. Candidates must have a 3.3 overall GPA and a 3.5 GPA in Applied Computer Science. Honors requirements involve honors course work and the preparation of a substantial research paper or the completion of a significant application project prepared under the guidance of a faculty advisor. For further information contact the Director of Honors.

PROFESSIONAL PRACTICE

Each degree program requires a practical experience that may be satisfied by a directed project or an internship. An internship experience is the usual way for students to satisfy this requirement. ACS 191 (1 hr) is required and prepares students for fulfilling this requirement. It is recommended that ACS 191 be taken by the sophomore year.

Three hours of ACS 391/398 are counted toward the major requirements for the practical experience; however, the hours in 398 alone do not satisfy the practical experience requirement. If ACS 398, Internship, is elected, the student must register for at least 6 hours. Each directed project or internship requires the prior approval of the Applied Computer Science Coordinator of Professional Practice.

The 3 hours of Professional Practice credit counted toward the major will be graded. Additional Professional Practice credit will be earned on a CR/NC basis. A maximum of 16 hours of Professional Practice credit (ACS 391, 398) may be applied toward graduation. A student may not register for ACS 398 during the last semester of their studies.

MINOR IN COGNITIVE SCIENCE

The Department of Applied Computer Science participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Information Systems Programs

Degree Offered: B.S.

MAJOR IN INFORMATION SYSTEMS

The Information Systems (IS) Major is designed to prepare professionals in Information Systems including such areas as systems analysis and design and software engineering. This degree focuses on the use of computer technology and information management methods to solve business problems. This requires an understanding of both the organizational context of the problem and the technologies, methodologies, and tools typically utilized. There are two sequences within this program: the Systems Development/Analyst Sequence and the Web Application Development Sequence. The Analyst sequence provides breadth and depth in analysis and design techniques preparing students to work in a variety of information technology environments while the Web sequence emphasizes the development of Web/Internet-based business information systems.

Preparation for Graduate Study:

The Information Systems major offers excellent preparation for a number of computer and management information systems master's programs. Students interested in an MBA program should combine this major with a Business Administration minor. Any student interested in graduate school should discuss options with faculty and an academic advisor during their junior year.

Systems Development/Analyst Sequence:

The Systems Development/Analyst Sequence is designed for the student who will seek a position as an Information Systems professional developing business oriented

information systems. This sequence provides depth in analysis and design techniques along with electives in emerging technologies.

Applied Computer Science courses (43 hrs):

Applied Computer Science core (16 hrs):

- ACS 160, 168, 169, 254, 261.

Practical Experience (4 hrs):

- ACS 191.

- 1 of: ACS 398, 391.

Other ACS course requirements (23 hrs):

- ACS 272, 363, 372, 378.

- 3 of: ACS 341, 346, 352 or 353, 365, 367, 368.01, 375.

Supporting requirements (36-37 hrs):

Mathematics and Statistics (11-12 hrs):

- MAT 120 or 145, 160.

- 1 statistics course, e.g. MQM 100;
ECO/GEO/POL/PSY 138.

Communication and Organization (25 hrs):

- COM 110, 223; ACC 131; ECO 105; MQM 220.

- 1 of: COM 202, 227; ENG 249.

- 2 of: ACC 132, FIL 208, FIL 240, MKT 230,
ECO 225 or 228 or 239 or 245.

Web Application Development Sequence:

The Web Application Development Sequence is designed to give students a background for developing information systems in a Web/Internet-based environment. This sequence provides depth in Web development techniques and supporting technologies, along with related emerging technologies.

Applied Computer Science courses (42 hrs):

Applied Computer Science core (16 hrs):

- ACS 160, 168, 169, 254, 261.

Practical Experience (4 hrs):

- ACS 191.

- 1 of: ACS 398, 391.

Other ACS course requirements (22 hrs):

- ACS 272, 352, 353, 372, 378.

- 2 of: ACS 341, 367, 368.03, 375 or 382.

Supporting requirements (36-37 hrs):

Mathematics and Statistics (11-12 hrs):

- MAT 120 or 145, 160.

- 1 statistics course, e.g. MQM 100;
ECO/GEO/POL/PSY 138.

Communication and Organization (25 hrs):

- COM 110, 223; ACC 131; ECO 105; MQM 220.

- 1 of: COM 202, 227; ENG 249.

- 2 of: ACC 132, FIL 208, FIL 240, MKT 230,
ECO 225 or 228 or 239 or 245.

MINOR IN INFORMATION SYSTEMS

The Information Systems Minor is designed for people who will use computers as tools in their chosen profession or provide limited computer support for their work group, but not be computing professionals. The Application Development Concentration is a general information systems minor requiring the ACS core plus two elective courses. The Information Specialist Concentration emphasizes using appropri-

ate software tools rather than programming as a means of obtaining information.

Minor (22 hrs):

Required core (10 hrs):

—ACS 160, 168, 261.

Concentration (12 hrs):

Application Development:

—ACS 169, 254.

—1 of: ACS 341, 352, 353, 355, 365, 367, 368.01, 368.03, 375, 378.

—1 additional ACS 200 or 300-level course (at least 3 hrs).

Information Specialist:

—ACS 208, 251, 306.

—1 of: ACS 169, 352, 365, 367, 368.01, 378.

Applied Computer Science Programs

Degree Offered: B.S.

MAJOR IN APPLIED COMPUTER SCIENCE

This degree is designed for students who wish to pursue a comprehensive study of computer science that blends theory, abstraction, and design in a variety of traditional and current areas. Graduates will be prepared to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. The Applied Computer Science program is accredited by the Computer Science Accreditation Commission (CSAC) of the Computing Sciences Accreditation Board (CSAB), a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA).

Applied Computer Science courses (44 hrs):

Applied Computer Science core (16 hrs):

- ACS 160, 168, 169, 254, 261.

Professional Practice (4 hrs):

- ACS 191.

- 1 of: ACS 398, 391.

Other ACS course requirements (24 hrs):

- ACS 279, 325, 327, 328, 383.

- 1 of: ACS 326, 340, 356, 388.

- 2 additional courses from: ACS 326, 340, 341, 352, 353, 356, 367, 375, 378, 382, 385, 388.

Supporting requirements (38-43 hrs):

Mathematics and Statistics (15-16 hrs):

- MAT 145, 146, 260.

- 1 of: MQM 100; MAT 350.

Communication (9 hrs):

- COM 110, 223; ENG 249.

Science (14-18 hrs):

- 1 pair of: CHE 140, 141; or PHY 110, 111.

- 2 additional courses from: BSC 196, 197; CHE 140, 141, PHY 110, 111, 112, 375.

The Applied Computer Science program does not require a minor but does require 38 to 43 hours in the supporting areas of mathematics, science, communication and organization.

Preparation for Graduate Study:

The Applied Computer Science major should be elected by those students interested in traditional Computer Science graduate programs. Any student interested in graduate school should discuss options with faculty and an academic advisor during the junior year.

MINOR IN APPLIED COMPUTER SCIENCE

This minor provides a solid foundation for using the computer as a tool in any discipline and may be of particular interest to majors in mathematics or the natural sciences. It provides an opportunity for students to gain knowledge in a specialized area such as graphics, parallel processing, or artificial intelligence.

Minor (22 hrs):

Required core (10 hrs):

- ACS 160, 168, 261.

Concentration (12 hrs):

- ACS 169, 254, 279.

- 1 of: ACS 327, 328, 340, 341, 352, 356, 388.

Telecommunications Management Programs

Degree Offered: B.S.

MAJOR IN TELECOMMUNICATIONS MANAGEMENT

Telecommunications Management is concerned with information systems, telecommunications technology, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and facsimile transmission. This multidisciplinary program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems.

Major courses (54 hrs):

Applied Computer Science core (16 hrs):

— ACS 160, 168, 169, 254, 261.

Professional Practice (4 hrs):

— ACS 191.

— 1 of: ACS 398, 391.

Telecommunications Technology (21 hrs):

— ACS 375, 377, 379.

— TEC 143, 383.

—2 of: ACS 353, 355, 374, 378, 382, 383.

Economic, Legal, Public Policy (13 hrs):

— ECO 105, 235.

— 1 of: FIL 311, 312; POL 318.

— 1 of: MQM 221; PSY 230, 376.

Supporting requirements (29-30 hrs):

Mathematics and Statistics (11-12 hrs):

— MAT 120 or 145, 160.

— 1 of: MQM 100; ECO/GEO/POL/PSY 138.

Communication and Organization (15 hrs):

— 1 of: ENG 249; COM 202, 227.

— ACC 131; COM 223; FIL 208; MQM 220.

Ethics (3 hrs):

— PHI 234.

Applied Computer Science Courses

Most Applied Computer Science courses are restricted to students with majors or minors within the Applied Computer Science Department. Some Applied Computer Science courses may not be offered every year. Contact the Applied Computer Science Department advisor for the current schedule of offerings.

- 115 REASONING ABOUT COMPLEX SYSTEMS** MC-QR 3 F,S
IDS 100; MAT 111, 120, or 145 req. May not be taken under the CT/NC option.

Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems.

- 140 INTRODUCTION TO THE COMPUTER WORLD** 3 F,S
Not for cr ACS maj/min.

A nontechnical course designed to develop effective computer users and to acquaint the students with the impact of computers on the person and society. Internet experience. No previous computer experience or mathematics requirements necessary.

- 150 USING MICROCOMPUTER PRODUCTIVITY TOOLS** 3 F,S
Not for cr if had BTE 125. Not for cr ACS maj/min. Lecture and lab.

Introduction to typical microcomputer-based productivity tools such as word processing, spreadsheets, databases, and presentation graphics.

- 155.01 INTRODUCTION TO MICROCOMPUTERS** 3 F,S
Not for cr ACS maj/min, or if had ACS 155.02 or 254. Lecture and lab.

Introduction to microcomputers and programming, with general and business applications emphasized. Visual basic programming; comparative analysis of microcomputer systems.

- 155.02 INTRODUCTION TO MICROCOMPUTERS** 3 F,S
Not for cr ACS maj/min, or if had 155.01 or 254. Lecture and lab. Materials charge optional.

Introduction to microcomputers and programming, with scientific and technical applications emphasized. BASIC and machine language programming including I/O, elementary files, application software, and hardware and software evaluation.

- 160 FOUNDATIONS OF APPLIED COMPUTER SCIENCE** 3 F,S
Req as the first course in the ACS maj. Formerly INTRODUCTION TO APPLIED COMPUTER SCIENCE.

Concepts of computer-based systems; computer hardware, software, and organizational environments; system categories, delivery modes; systems development methods; career opportunities, responsibilities.

- 165 COMPUTER PROGRAMMING FOR SCIENTISTS** 4 S
C or better in MAT 145 req. Not for cr ACS maj/min. Lecture and lab.

Introduction to computer programming emphasizing numerical algorithms for scientific applications. Problem analysis and operating system concepts included. Programs developed in FORTRAN.

- 168 STRUCTURED PROBLEM-SOLVING USING THE COMPUTER** 4 F,S
MAT 104 or high school equiv req. Rec as 1 of the first courses in the ACS maj. Lecture and lab.

Introduction to the development of algorithms for computer systems processing. Emphasis on structured problem solving and the design of problem solutions.

- 169 COMPUTER APPLICATION DEVELOPMENT** 3 F,S
C or better in ACS 160 and 168 or cons dept advisor req. Not for cr if had ACS 275.

The design, development, and implementation of computer application systems, including file and data structures.

- 191 INTRODUCTION TO ACS PROFESSIONAL PRACTICE** 1 F,S
C or better in ACS 160 and 168 req. Maj only.

Researching available positions, interpreting job descriptions, interview skills, preparing a resume, benefits of a Professional Practice experience.

- 208 INFORMATION AND DATABASE ACCESS** 3 F
C or better in ACS 150, 155, or 160 req.

Techniques for retrieving, displaying and reporting data from databases; importing data to/from other software tools; creating simple databases.

- 214 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY** OC-DKCC/SMT 3 F,S
Inner Core req. MC-IS category req.

Study of personal, societal, legal, and ethical issues raised by the effects of information technology.

- 251 USING HARDWARE AND SOFTWARE ENVIRONMENTS** 3 S
C or better in ACS 160 and either ACS 168 or 155 req. Not for cr if had ACS 254.

How to effectively use workstation computing environments; network concepts and use; managing hardware and software resources.

- 254 HARDWARE AND SOFTWARE CONCEPTS** 3 F,S
C or better in ACS 160 and ACS 168 req. Maj/min only or cons dept advisor req.

Overview of nature and interrelationships of computer architectures, hardware, operating systems, data types, programming languages, application development facilities, networks, communications.

- 261 SYSTEMS DEVELOPMENT I** 3 F,S
C or better in ACS 169; 254 or conc reg req. Maj/min only or cons dept advisor req.

Information systems development, development methodologies, analysis and design techniques and tools, relational database concepts.

- 272 COBOL AS A SECOND LANGUAGE** 4 F,S
C or better in ACS 169 req. Not for cr if had ACC 366. Maj/min only or cons dept advisor req.

COBOL language for students with substantial programming experience in another language. Emphasizes structured problem-solving and programming.

- 275 C++ AS A SECOND LANGUAGE** 4 F,S
Not for cr if had ACS 169. 2-sem seq in a high-level programming language req. Maj/min only or cons dept advisor req. Formerly C AS A SECOND LANGUAGE.

Intensive study of the C++ programming language for students with previous programming experience.

- 279 ALGORITHMS AND DATA STRUCTURES** 3 F,S
C or better in ACS 169 req. MAT 160 or 260 or conc reg in MAT 160 or 260 req. Maj/min only or cons dept advisor req.

Data structures, algorithms, mathematical foundations of computer science. Topics include lists, trees, graphs, sorting, searching, correctness, computational complexity, parallel algorithms.

- 306 BUILDING APPLICATIONS SYSTEMS** 3 S
C or better in ACS 261 req. Not for cr if had ACC 368. Maj/min only or cons dept advisor req.

Creating applications using end user development tools; prototyping; human/software interface design; end user development issues.

- 325 COMPUTER ORGANIZATION** 3 F
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Hardware and software topics in computer organization: instructions; modalities, control units, memories, data paths, uniprocessors, and multiprocessors.

- 326 PRINCIPLES OF SOFTWARE ENGINEERING** 3 S
C or better in ACS 169 and 261 req. Offered alternate years. Maj/min only or cons dept advisor req.

Fundamentals of software engineering. Topics include specification models, metrics, design fundamentals, interface design, quality assurance, and automated tools.

- 327 CONCEPTS OF PROGRAMMING LANGUAGES** 3 F
C or better in ACS 169 req. Maj/min only or cons dept advisor req.

Survey of pragmatic, syntactic and semantic structure of programming languages. Procedural, logic-oriented, object-oriented and other contemporary languages included.

- 328 INTRODUCTION TO THE THEORY OF COMPUTATION** 3 S
C or better in ACS 279 req. Maj/min only or cons dept advisor req.

Basic concepts in computing theory. Topics include recursive definitions, regular expressions, transition graphs, automata, nondeterminism, grammars, parsing, decidability, Turing machines.

- 340 INTRODUCTION TO ARTIFICIAL INTELLIGENCE** 3 S
C or better in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Introduction to concepts in artificial intelligence, including: knowledge representation, heuristic search, neural networks, planning algorithms, natural language, and machine learning.

- 341 OBJECT-ORIENTED SYSTEM DEVELOPMENT** 3 S
C or better in ACS 169 and 261 req. Maj/min only or cons dept advisor req.

Main concepts of object-oriented technology and a comprehensive methodology for system development. Object-oriented analysis, design, and implementation including object-oriented databases.

- 346 KNOWLEDGE ENGINEERING** 3 S
C or better in ACS 261 req. Offered alternate years. Maj/min only or cons dept advisor req.

In-depth study of knowledge-based systems and the knowledge engineering process; use of expert systems tools to construct applications.

- 352 MULTIMEDIA TECHNOLOGY APPLICATIONS** 3 F
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Practical principles, methods, and tools for the design and development of multimedia applications; authoring languages; multimedia technology hardware and trends.

- 353 WEB DEVELOPMENT TECHNOLOGIES** 3 F
C or better in ACS 169 and 261 req. Maj/min only or cons dept advisor req.

Web concepts, infrastructure, development technologies, multi-tiered program design and implementation, and current issues and trends.

- 355 MICROCOMPUTER APPLICATION AND DESIGN** 3 F,S
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Microcomputer applications with an emphasis on basic microcomputer architecture, interfacing peripherals, system level programming, and system software design.

- 356 INTRODUCTION TO COMPUTER GRAPHICS** 3 F
ACS 279 or conc reg req. Offered alternate years.
Maj/min only or cons dept advisor req.

Graphics Systems: hardware, software, people. 2-D and 3-D. Algorithms: lines, curves, polygons, surfaces, transformations. Applications: presentation graphics, packages.

- 363 SYSTEMS DEVELOPMENT II** 4 F,S
C or better in ACS 261 req. C or better in COM 223 req.
Maj/min only or cons dept advisor req.

Emphasis on analysis and design techniques and tools, project communication, Systems Development methodologies, interface design. Systems Development team project.

- 365 SYSTEMS DEVELOPMENT TOOLS AND ISSUES** 3 F
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Modern systems development tools, implementation issues related to modern tools, techniques, and methodologies; emerging type of systems being developed.

- 367 DESIGNING THE USER INTERFACE** 3 S
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Human factors issues in developing information systems: task analysis, user interface design guidelines, psychological principles, prototyping interfaces, and user evaluation.

- 368.01 TOPICS IN INFORMATION SYSTEMS: SYSTEMS DESIGN** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.

Advanced topics in systems analysis, design, and development.

- 368.03 TOPICS IN INFORMATION SYSTEMS: WEB DEVELOPMENT** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.

Advanced topics in internet applications and Web development.

- 372 EXTERNAL DATA STRUCTURES** 3 F,S
C or better in ACS 254 and 272 req. Maj/min only or cons dept advisor req.

External file design, VSAM, IBM utilities and sort/merge, basic concepts of IBM/MVS operating systems, and extensive study of JCL.

- 374 TOPICS IN TELECOMMUNICATIONS** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.

In-depth study of a topic in telecommunications such as emerging technologies, network administration, network management architectures, and wireless communications.

- 375 DATA COMMUNICATIONS** 3 F,S
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Hardware and software used in data communications and networking. Network types, architectures, protocols and standards. Local area and packet networks.

- 377 PRACTICAL TELECOMMUNICATIONS NETWORKING** 3 F,S
C or better in ACS 375 req. Maj/min only or cons dept advisor req.

Design, configure, operate and use local area networks, network applications, and wide area network concepts. Emphasizes hands-on use of a network operating system.

- 378 DATABASE PROCESSING** 3 F,S
C or better in ACS 261 req. Maj/min only or cons dept advisor req.

Database concepts, emphasis on relational databases, SQL, data modeling, database design, DBMS functions, database application programming, current trends, design project.

- 379 TELECOMMUNICATIONS NETWORK OPERATIONS AND MANAGEMENT** 3 F,S
C or better in ACS 377; ECO 235; TEC 383; MQM 220 req. Maj/min only or cons dept advisor req.

Overview of process of operating and managing large scale telecommunications networks; capstone course for Telecommunications Management major.

- 382 DISTRIBUTED SYSTEMS** 3 S
C or better in ACS 169, 254 and 261 req. Offered alternate years. Maj/min only or cons dept advisor req.

Overview of distributed systems including system architectures, models, distributed operating systems, distributed algorithms, distributed databases, distributed objects, issues and trends.

- 383 PRINCIPLES OF OPERATING SYSTEMS** 3 S
C or better in ACS 169 and 254 req. Maj/min only or cons dept advisor req.

Functional criteria for operating system design. Job management, task management, data management, resource allocation and dump and trace facilities.

- 385 TOPICS IN COMPUTER SCIENCE** 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Offered alternate years. Maj/min only or cons dept advisor req.

In-depth study of a topic such as compiler design, artificial intelligence, programming language and digital logic design.

- 388 INTRODUCTION TO PARALLEL PROCESSING** 3 F
C or better in ACS 254. Conc reg in ACS 279 req. Offered alternate years. Maj/min only or cons dept advisor req.

Study of parallel processors and their software environments. Students will write programs for several parallel computers.

391 DIRECTED PROJECT IN APPLIED COMPUTER SCIENCE 1-6 F,S
Sr standing and C or better in 191 and 377 or 378 or 383 req. By application and prior approval of ACS Prof Pract Coord only. Maj only. May be repeated; max 16 hrs combined cr in ACS 298, 391 and 398.

Team design and/or implementation of a modest-sized computer-based system in a live environment under faculty supervision.

398 PROFESSIONAL PRACTICE: IN APPLIED COMPUTER SCIENCE 1-6 F,S
C or better in 191 req. By application and prior approval of ACS Prof Pract Coord only. Maj only. Max 16 hrs cr in Prof Pract.

398.50 PROFESSIONAL PRACTICE: COOP I IN APPLIED COMPUTER SCIENCE
Max 3 hrs. Maj only.

398.60 PROFESSIONAL PRACTICE: COOP II IN APPLIED COMPUTER SCIENCE
CR/NC basis only. May be repeated. Conc reg in ACS 398.50. Maj only.

CRIMINAL JUSTICE SCIENCES (CJS) 525

401 Schroeder Hall, (309) 438-7626

Web address: www.ilstu.edu/depts/cjs

Chairperson: Thomas Ellsworth.

Tenured/Tenure-track Faculty:

Distinguished Professor: Weisheit.

Professors: Ellsworth, Falcone, Fleisher, Kethineni, Morn, Smith, Wells.

Assistant Professors: Klosky, Krienert, Linnell, Vandiver.

General Department Information

The purpose of the Criminal Justice Sciences program is to provide the student with a system orientation to the field of Criminal Justice. Study in Criminal Justice involves the application of the principles of Criminal Justice and the related behavioral and social sciences to problems and issues in the field of Criminal Justice. The program focuses on the building of knowledge in the areas of law enforcement, courts, and corrections from a social science perspective. Students develop a knowledge base for an in-depth understanding of human behavior and the kinds of problems and circumstances that often result in criminality. Finally, the program provides students with the opportunity to gain necessary skills in the area of interviewing, program development, community organization, planning and research to function in a professional position in the field of Criminal Justice.

Admission of New Students into the Criminal Justice Sciences Major:

- Incoming freshmen will be classified as Criminal Justice majors at their request if they have an ACT of 20 and they are in the second quarter of their graduating class, or in the top quarter with an ACT of 19.
- Transfer students will be classified as Criminal Justice majors if they have a transfer GPA of 2.4.

Admission of Continuing Students into the Criminal Justice Sciences Major:

- Students must make formal application to the major by placing themselves on the departmental waiting list.
- In order to be admitted into the Criminal Justice Major students must be in academic good standing at Illinois State University, all incomplete grades need to be cleared, and the following courses must be completed: ENG 101, 145; CJS 101; SOC 106; and PSY 110 or 111. Grades for these five (5) courses must be a minimum of two (2) B's and three (3) C's. No D's or F's will be accepted. (If you want a Criminal Justice Sciences Major you must *repeat* any course with less than a C).
- A student who enters the University through the Adult Learner program must complete at least 12 hours at Illinois State University and have completed courses as stipulated in "b" above before admission to the Criminal Justice program will be made.
- A student who returns to the University in the New Start program as a Continuing Student will be admitted to the Criminal Justice Sciences Major when he/she has completed the requirements and courses as stipulated in "b" above.

The Department of Criminal Justice Sciences reserves the right to maintain a balanced enrollment.

- This may restrict the numbers of freshmen, transfer students, and continuing students who wish to be Criminal Justice Sciences majors.
- Most Criminal Justice Sciences courses are restricted to Criminal Justice Science majors.

Retention Requirements:

Criminal Justice Sciences majors must maintain a cumulative GPA of at least 2.4 every semester. If, at any given time, a student's GPA falls below a 2.4 that student may be removed from the major and reclassified as a General Student. After a student is reclassified as a General Student, all rights as a major are forfeited, including the right to be eligible to do the Criminal Justice Sciences internship.

Students who have been reclassified must meet regular admission requirements to be eligible for readmission to the major.

HONORS IN CRIMINAL JUSTICE SCIENCES

The Department offers honors study in Criminal Justice Sciences to highly qualified students who will pursue an individualized program of study. The Honors

Program enables the superior student to focus on topics of the student's own choosing in close consultation with a Criminal Justice Sciences Department faculty member. In order to qualify, the student must have achieved a GPA of 3.30 or better, both overall and in the major. The student must complete:

1. at least 3 hours credit of in-course honors;
2. at least 3 hours credit in CJS 299—Independent Honors Study or Honors-Undergraduate Research (IDS 285 or 286) in the Criminal Justice Sciences Department; and
3. an additional 3 hours of in-course honors, honors independent study or honors-undergraduate research, equivalent with a grade of B or better.

Students interested in participating in the Honors Program should inquire about admission in the Office of the Department of Criminal Justice Sciences.

Criminal Justice Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN CRIMINAL JUSTICE SCIENCES

- 55 hours required.
- Required courses: CJS 101, 200, 201, 207, 300, 304, 395, 398.01* (6 hrs), 398.02* (6 hrs).
- 22 hours of electives selected with the approval of an academic advisor. A minimum of 12 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings. The remaining electives must be taken from the list of recommended courses from other departments at Illinois State University, or may be appropriate transfer credit. Electives in other departments: FOR 111, 112, 115, 116 (max 8 hrs); FIL 208; MQM 220, 221; POL 201, 215, 231, 330, 331; PSY 131, 232, 302, 350; SOC 131, 263, 264, 365, 367; SED 362. Students who major in Criminal Justice Sciences must complete the following courses or equivalents: ENG 145; PSY 110 or 111; SOC 106.

*Students seeking enrollment in CJS 398.01 and 398.02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: (1) completed 90 semester hours, (2) an overall and major GPA of 2.4 at the time referrals are made, and (3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have completed accredited corrections and/or police training may substitute this training for a portion of the internship with departmental approval. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

- 21 hours required.
- Required courses: CJS 101, 200, 201, 207, 304.
- 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.
- **NOTE:** Space in Criminal Justice Sciences courses is limited for non-majors.

Criminal Justice Sciences Courses

101 INTRODUCTION TO CRIMINAL JUSTICE SCIENCES 3 F,S,Summer

An analysis of the criminal justice system focusing on the police, courts, and corrections.

102 INDIVIDUALS, SOCIETY, AND JUSTICE MC-ICL 3 F,S,Summer

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr maj/min.

Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives.

200 CONTEMPORARY CORRECTIONS 3 F,S,Summer

CJS 101 req. Maj/min only or cons dept advisor.

Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered.

201 CRIME AND BEHAVIOR 3 F,S,Summer

CJS 101; SOC 106; PSY 110 or 111 req. Maj/min only or cons dept advisor.

Theoretical and conceptual explanations of criminal behavior.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION 3 F,S,Summer

CJS 101 req. Maj/min only or cons dept advisor.

An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies.

207 CONTEMPORARY POLICING IN AMERICA 3 F,S,Summer

CJS 101 req. Maj/min only or cons dept advisor.

Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police.

212 COMMUNITY CORRECTIONS 3 F,S

CJS 101 and ENG 145 req; CJS 200 rec. Maj/min only. Formerly COMMUNITY-BASED CORRECTIONS.

Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole.

215 JUVENILE JUSTICE 3 F,S*CJS 101 req. Maj/min only or cons dept advisor.*

The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders.

240 HISTORY OF CRIMINAL JUSTICE 3 F

Crime and the American criminal justice system from the colonial period until the mid-20th century.

**298.50 PROFESSIONAL PRACTICE:
COOPERATIVE EDUCATION****IN CRIMINAL JUSTICE 1 F,S,Summer**

Soph/jr standing; prior dept approval req. CJS maj only. Enrollment limited, based on availability of sites. May be repeated once.

Paid, supervised experiences in local, state, and federal criminal justice agencies.

**300 EVALUATIVE RESEARCH
OF PROGRAMS****IN CRIMINAL JUSTICE 3 F,S**

Jr standing (60 hrs completed). CJS 101 req. Maj only or cons dept advisor.

Analyzing research in criminal justice and systematically evaluating the process and outcome of programs in the field.

304 CRIMINAL LAW 3 F,S

Jr standing (60 hrs completed). CJS 101 rec. Maj/min only or cons dept advisor.

Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process.

**305 RULES OF EVIDENCE FOR THE
ADMINISTRATION OF JUSTICE 3 F,S**

Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor.

Types of evidence, standards of proof, and legal requirements relating to the admissibility of evidence in court.

310 CORRECTIONAL INSTITUTIONS 3 F

Jr standing (60 hrs completed). CJS 101, 200 or cons dept advisor req. CJS maj only.

An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization.

322 COMMUNICATION SKILLS**IN CRIMINAL JUSTICE 3 F,S,Summer**

Jr standing (60 hrs completed). CJS 201 conc reg req or cons inst req. Formerly CORRECTIONAL COUNSELING.

Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients.

338 ALCOHOL, DRUGS, AND CRIME 3 F,S

Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Analysis of the impact of alcohol and drugs on crime and the criminal justice system.

339 WOMEN IN CRIMINAL JUSTICE 3 F,S

Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Historical and theoretical perspectives and contemporary trends concerning women and crime and processing of women by the criminal justice system.

340 ORGANIZED AND WHITE**COLLAR CRIME 3 F**

Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.

Analysis of organized and white collar crime problem in America. Topics include prevalence, impact, laws, and investigative techniques.

**360 ISSUES IN CRIMINAL
JUSTICE 1-4 F,S,Summer**

Jr standing (60 hrs completed). Maj/min only or cons dept advisor. May be repeated once; max 6 hrs if content different.

A critical and analytical study of a contemporary issue or controversy in the field of criminal justice.

369 WORLD CRIMINAL**JUSTICE SYSTEMS 3 F,S,Summer**

Jr standing (60 hrs completed). CJS 101 or cons dept advisor req.

Analysis of crime and criminal justice systems of selected countries. Emphasis on England, France, Sweden, Japan, and Russia.

395 CRIMINAL JUSTICE**ADMINISTRATION 3-4 F,S**

Jr standing (60 hrs completed). CJS 101, 200, 201, 207, 300 and 304; cons dept advisor req. CJS maj only.

Aspects of organizational behavior in criminal justice agencies will be considered to enable the student to better understand on-the-job experiences.

**398.01 PROFESSIONAL PRACTICE:
CRIMINAL JUSTICE****INTERNSHIP I 6 F,S,Summer**

CJS 395 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.

Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions.

**398.02 PROFESSIONAL PRACTICE:
CRIMINAL JUSTICE****INTERNSHIP II 6 F,S,Summer**

CJS 395, 398.01 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.

Intensive experience in a single criminal justice agency setting.

FAMILY AND CONSUMER SCIENCES (FCS) 506

144 Turner Hall, (309) 438-2517

Web address: www.cast.ilstu.edu/fcs/

Chairperson: Susan Winchip

Tenured/Tenure-track Faculty:

Professors: Canabal, Gentry, Ley, Nnakwe, Shane.

Associate Professors: Garner, Kern, Memken, Power, Winchip.

Assistant Professors: Cullen, Dyar, Pate, Wilson.

General Department Information

Family and Consumer Sciences is a profession committed to improving the quality of life for individuals and families. The mission of the department is to provide integrative study of the human environment and systems that impact and strengthen individuals, family units, agencies, businesses, and the community at large.

Family and Consumer Sciences is a broad field of study that provides opportunity for specialization in challenging careers. The faculty seek to prepare men and women to enter professions concerned with enhancing the quality of life for individuals, families and communities, and the environment in which they function. Academic preparation involves the integration and application of knowledge and skills gained from family and consumer science courses as well as courses in a variety of other disciplines.

The Department serves undergraduate and graduate majors specializing in fields such as interior design, child development, family life education, consumer services, nutrition and dietetics, apparel merchandising, and family and consumer sciences teacher education.

HONORS IN FAMILY AND CONSUMER SCIENCES

The Department offers honors work in each Family and Consumer Sciences sequence to highly qualified juniors and seniors. Candidates must be full-time students, declared Family and Consumer Sciences majors, and have an overall 3.3 GPA and 3.5 GPA in Family and Consumer Sciences. Honors requirements include completion of 3 in-course honors at the 200-level or above (at least 2 must be taken in the Department), and a minimum of 3 hours in FCS 299 culminating in a substantial research paper. The Department also offers in-course honors work in all courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. For further information contact the departmental advisor.

Family and Consumer Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN FAMILY AND CONSUMER SCIENCES

Apparel Merchandising and Design Sequence:

The Apparel Merchandising and Design Sequence prepares students for careers as fashion marketer, retail manager, fashion buyer, private label developer, visual merchandiser, merchandiser, technical pattern-maker, apparel designer, quality assurance supervisor, and purchasing agent.

- 62-63 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 51-52-hour sequence: FCS 122, 225, 226, 228, 321 (formerly 322), 323, 327, 328, 329, 361, 368, 369, 371, 398 (3 hrs) or 365; ECO 103 or 105; MKT 230; MQM 220.
- For students interested in Fashion Merchandising, a Business Administration or Communication minor is recommended; for students interested in Apparel Design, an Art minor is recommended; for students interested in Apparel Product Development, a minor in Business Administration or Industrial Technology is recommended.
- A travel study for credit to Paris and London is available annually.

Food, Nutrition and Dietetics Sequence:

Career opportunities in the broad field of food, nutrition and dietetics are quite varied and employment exists throughout the areas of healthcare, food service, education and research. Employment opportunities include: clinical or foodservice dietitian in a healthcare organization, food service manager for a company, nutrition consultant for a physician practice, community nutritionist, nutrition and health writer, food and nutrition product sales and marketing, corporate wellness, food promotion for a grocery store, school foodservice and others.

The undergraduate Food, Nutrition and Dietetics (DPD) program at Illinois State University is currently accredited by the Commission on Accreditation for Dietetics Education of the American Dietetics Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, (312) 899-5400.

- 66-67 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- The following General Education courses must be taken: Inner Core—CHE 110 and 112; Outer Core: BSC 160.
- 55-56-hour sequence: FCS 102, 113, 213, 311, 312, 316, 317, 318, 319, 398 (3 hrs); KNR 182; MQM 220; PSY 110 or 111, 215; CHE 220, 242; ECO 103 or 105; BSC 160.
- This program provides the first step for students wanting to become a registered dietitian (R.D.). Students must apply for an ADA-approved dietetic internship after graduation, and then successfully complete the registration examination to be an R.D. An American Dietetic Association Verification Statement of DPD Program Completion will be given to students completing this sequence. This official statement is required for graduates to begin an ADA-approved dietetic internship after acceptance, and for other professional applications requiring verification of DPD Program completion.

Human Development and Family Resources Sequence:

The Human Development and Family Resources Sequence prepares students for careers such as child care

provider or center director; child life specialist in hospital settings; child care resource and referral specialist; family life educator or marriage enrichment provider; extension specialist or youth program director; case worker or manager; elder services coordinator; consumer advocate; consumer relations specialist; product development consultant; or middle, junior, or high school teacher.

- 41-62 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 30-51-hour sequence: FCS 231, 232, 233, 310, 333 and option A, B, C, or D that follows. **A. Human Development:** FCS 250, 251, 307, 308, 309, 331, 398 (3 hrs); SWK 323; and 12 hours from FCS 111, 212, 224, 305, 306, 314. **B. Family Relationships:** FCS 305, 309, 364, 398 (3 hrs); SWK 323; and 15 hours from FCS 111, 212, 330, 331, 394; C&I 312; SOC 106, 123, 211, 212, 262, 311, 341, 342, 365; HSC 390; PSY 111, 302, 303. **C. Consumer Services:** FCS 330, 331, 364, 398 (3 hrs); ECO 105; MKT 230, 231. **D. Teacher Education:** FCS 102, 111, 113, 203, 250. Part of the endorsement program leading to certification by the State of Illinois for teaching Family and Consumer Sciences courses grades 6-12. Four endorsements are obtained through required Department core and sequence courses: (1) Child and Day Care Services, (2) Consumer Education and Resource Management, (3) Interpersonal and Family Relationships and Parenting, and (4) Institutional and Home Management. See the Family and Consumer Science advisor for information about courses that count towards additional Family and Consumer Science endorsements. Twenty-four (24) hours Professional Education (see C&I Professional Education Requirements in the *Undergraduate Catalog*), including STT 399.

See Teacher Education Admission-Retention program found in University-Wide Teacher Education Program Requirements for admission and retention standards. Also see Family and Consumer Sciences Selective Admission-Retention Requirements section of this *Undergraduate Catalog*.

Interior and Environmental Design Sequence:

The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

- 61 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 50-hour sequence: FCS 104, 218, 225, 242, 244, 338, 340, 345, 346, 347, 348, 370, 375, 398 (3 hrs); ART 352, 372; TEC 110, 211.
- Possible minors based on individual interests: Industrial Technology, Construction Management, Art or Business.
- Recommended electives: FCS 393.38; TEC 322.
- To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design

Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).

MINOR IN FAMILY AND CONSUMER SCIENCES

- 23 hours required in Family and Consumer Sciences.
- 11-hour core: FCS 101, 103, 200, 300.
- 12 additional hours in Family and Consumer Sciences.

Selective Admission-Retention Requirements for the Teacher Education Option in Family and Consumer Sciences

Selective Admission:

All Family and Consumer Sciences Education students planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission each Family and Consumer Sciences student must have verified the following:

1. A minimum GPA of 2.5 overall and in all Family and Consumer Sciences courses including Professional Education courses.
2. A positive recommendation for Admission to Teacher Education by all Family and Consumer Sciences faculty. See departmental advisor for procedure.
3. An interview with the Family and Consumer Sciences Education Coordinator.

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. Maintain a GPA of 2.5 in all courses and in all Family and Consumer Sciences courses including Professional Education courses.
2. Completion of FCS 200, or the equivalent for transfer students.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Family and Consumer Sciences Courses

101 HUMAN AND FAMILY DEVELOPMENT 3 F,S

Human development throughout the lifespan within the context of the developing family unit.

102 NUTRITION IN THE LIFE SPAN 3 F,S

Nutrients needed by humans. Food choices to meet nutrition needs of individuals and families throughout the life cycle.

103 MANAGEMENT FOR CONSUMERS 3 F,S

Management for individual and family problems in the home and marketplace.

104 ENVIRONMENTAL DESIGN ELEMENTS: STUDIO 3 F

Introduction to design fundamentals and development of perceptual skills, creative awareness, and the technical ability to handle a variety of design media.

111 INTRODUCTION TO THE FAMILY AND CONSUMER SCIENCES EDUCATOR ROLE 2 S

FCS 101 and 103 req. Field trips; 15 clinical hours.

Historical, methodological, and philosophical prologue unique to the family and consumer sciences educator role.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

113 PRINCIPLES OF FOOD PREPARATION 3 F,S

FCS 102 req. Materials charge optional.

Scientific principles involved in the preparation of food.

122 APPAREL PRODUCT DEVELOPMENT I 3 F,S

Materials charge optional. Formerly CLOTHING CONSTRUCTION I.

Basic apparel production techniques.

198 PROFESSIONAL PRACTICE 1 Summer

Maj only. 2.0 GPA; 27 hrs; Approved application req. CR/NC only. May be repeated; max 3 hrs.

Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists.

200 PRACTICAL PROBLEM SOLVING IN FAMILY AND CONSUMER SCIENCES 3 F,S

FCS 101, and 103 req. Formerly FAMILY AND CONSUMER SCIENCES CAREER OPTIONS.

Mission and goals of family and consumer sciences related to the practical reasoning process for problem solving and critical thinking.

203 COMPETENCIES FOR TEACHING 4 S

C or better in C&I 214 or 215 or 216 or PSY 215 (6 hrs), or conc reg req. Field trips req. Adm to Teacher Ed req. Incl Clin Exp: 20 hrs, Type 1 and 10.

Curriculum development, evaluation, teaching strategies, and professionalism for vocational education teachers.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as HSC/KNR 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

212 FAMILY HEALTH AND WELL BEING 3

FCS 101 req. Practicum rotations included.

Relationship of personal decision making, self assessment and behavioral change to optimal wellness for individuals and families.

213 FOOD PLANNING, MARKETING, AND COST CONTROLS 3 S

FCS 113 req. Materials charge optional. Formerly MEAL PLANNING.

Meal planning based on criteria of nutritive requirements, marketing challenges, and utilization of resources.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS 2 S

FCS 242 req. FCS 244 conc reg rec. Field trips. Materials charge optional. Formerly ENERGY SYSTEMS FOR RESIDENTIAL DESIGN.

Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process.

222 CULTURAL DIVERSITY IN DRESS OC-DKCC/SS 3 F,S

Inner Core req. MC-IS category req.

Interdisciplinary, comparative exploration of diverse cultures through dress and adornment.

224 ENDURING ISSUES FOR COUPLES AND FAMILIES OC-DKCC/SS 3 F,S

Inner Core req. MC-UST category req.

Analysis of persistent and newly emerging issues for couples and families living in the 21st century.

124 Family and Consumer Sciences

225 TEXTILES 3 F,S*Lecture and lab. Materials charge optional.*

Fundamentals of textile science: fibers, yarns, fabrications, finishes, and dyeing. Selection and care of apparel/home furnishings fabrics. Textile legislation.

226 APPAREL 3 F,S*FCS 101 and 103 rec.*

Overview of cultural, socio-psychological and economics of the apparel industry.

228 APPAREL DESIGN 3 S*FCS 122, 226 req. Materials charge optional.*

Application of art principles to apparel creation through computers and hand techniques. Idea development from conception through production to retailing. Style nomenclature emphasized.

231 FAMILY RELATIONSHIPS 3 F,S*FCS 101 req or C&I 281 conc reg rec.*

Functions of productive family units to fulfill individual and group needs. Emphasis on the skills needed by the parent.

232 RESOURCE MANAGEMENT FOR INDIVIDUALS AND FAMILIES 3*FCS 103 req. Formerly ADVANCED HOME MANAGEMENT CONCEPTS.*

Problem solving approach to the use of managerial components and their functional relationships to the complexities of today's living.

233 FAMILY ECONOMIC RESOURCES 3*FCS 103 req.*

Economic description of the family emphasizing the family's financial, physical, and human capital investments over the life cycle.

242 DRAFTING FOR INTERIOR DESIGN 3 F*Materials charge optional.*

Introduces students to equipment, media, and techniques for graphic presentation of architectural design.

244 INTERIOR SYSTEMS AND HOUSING 3 S*FCS 104 req. Field trips req.*

Consumer choice of dwelling and the analysis of interior spaces and equipment.

250 DEVELOPMENT AND GUIDANCE OF PRESCHOOL CHILDREN 3 F*FCS 101 req. Incl Clin Exp: 32 hrs. Formerly CHILD DEVELOPMENT AND GUIDANCE.*

Applied child development and guidance of preschool children in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

251 DEVELOPMENT AND GUIDANCE OF INFANTS AND TODDLERS 3 S*FCS 101 req. Incl Clin Exp: 32 hrs.*

Applied child development guidance of infants and toddlers in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

300 LEADERSHIP DEVELOPMENT FOR FAMILY AND CONSUMER SCIENCES PROFESSIONALS 2 F,S*FCS 200 req. Sr standing. Formerly CONTEMPORARY ISSUES IN FAMILY AND CONSUMER SCIENCES.*

Leadership as a context for examining disciplinary issues and professional preparation while synthesizing knowledge and skills attained throughout the collegiate experience.

305 FAMILIES IN LATER LIFE 3 S*Jr standing req.*

Exploration of family dynamics in later life. Emphasis on developmental tasks, needs and decision-making issues of aging family members.

306 SEMINAR IN CHILD LIFE STUDIES 3 F*FCS 101, and 250 or 251 req. Practicum experience req.*

Application of child development theories and developmentally appropriate practices to children in health care settings.

307 ADVANCED CHILD DEVELOPMENT APPLICATIONS 3 F*FCS 101, 250, 251 req. Incl Clin Exp: 32 hrs. Formerly INFANT AND PRESCHOOL CHILD.*

Application of research in the development and guidance of infants, toddlers and preschool age children as related to family and society.

308 ORGANIZATION AND ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS 3 S*FCS 250 or cons inst req. Incl Clin Exp: 20 hrs, Type 10.*

Administration of early childhood programs and community services responsible for guidance of young children.

309 COUPLE RELATIONSHIPS 3 F*FCS 231 req.*

An interactional approach to the study of intimate male-female pairing: establishing couple relationships and developing effective intimate pairing communication; an overview of marriage enrichment history, programs, practice, theory, and research.

310 FAMILY CRISES 3 S*Jr standing req. Field trips req.*

Cognitive and affective exploration of family crisis: definition, management processes, and professional helping resources.

311 COMMUNITY NUTRITION 3 F*FCS 102 req.*

Nutritional needs of selected populations vulnerable to inadequate diet; emphasis on U.S. programs designed for groups at nutritional risk.

312 MEDICAL NUTRITION THERAPY 4 S*FCS 317 req. Formerly DIET THERAPY.*

Planning modified diets and studying underlying diseases. Nutritional counseling of individuals and groups.

- 314 EARLY CHILDHOOD NUTRITION EDUCATION** 3 S
Incl Clin Exp.
Principles of nutrition and current research. Emphasis on the needs of young children. Guidance in implementing a sound nutritional education program.
- 315 NUTRITION FOR HEALTH AND PHYSICAL FITNESS** 3 S
FCS 102 or cons inst; KNR 182; or BSC 181 and 182 req.
An advanced course focusing on the physiological and biochemical importance of nutrition to health, physical fitness, and sports.
- 316 FOOD SCIENCE** 3 F
FCS 213; CHE 110 and 112 req. Materials charge optional.
Experimental approach to principles underlying food preparation.
- 317 NUTRITION AND METABOLISM** 4 F
FCS 102; BSC 160; KNR 182 req. CHE 242 conc reg req. Formerly 216, APPLIED NUTRITION.
Physiological and biochemical basis for human nutritional requirements and health.
- 318 FOOD SERVICE MANAGEMENT** 3 F
FCS 103, 213; MQM 220 req.
Management of commercial foodservice systems: planning, control systems, decision making, human considerations.
- 319 QUANTITY FOODS** 3 S
FCS 213 req. Field trips.
Principles, techniques, and standards required to procure, store, and produce food in quantity for institutional and commercial feeding.
- 321 FLAT PATTERN DESIGN** 3 F,S
FCS 122 or equiv req. Formerly 322. Materials charge optional.
Computer and hand techniques in making garment patterns by the flat pattern method.
- 323 ADVANCED TEXTILES** 3 S
FCS 225 req. Lecture and lab. Materials charge optional.
Developments in the textile field, particularly man-made fibers and their products. Textile-testing techniques.
- 324 DRAPING AND DESIGN** 3
FCS 122 or 220 req. Materials charge optional.
Interpretation of garment designs in fabric by means of the draping procedure.
- 327 CLOTHING AND BEHAVIOR** 3 F
FCS 226 req.
Factors that influence behavior related to clothing selection and use. Emphasis on research.
- 328 ECONOMICS OF FASHION** 3 S
FCS 226 and ECO 103 or 105 req.
Fashion as an economic force in the international economy. Fashion's influence on production, distribution and consumption of textiles and apparel.
- 329 APPAREL PRODUCT ANALYSIS** 3 F
FCS 122, 225 and 226 req.
Overview of apparel manufacturing and analysis of ready-to-wear apparel product quality.

- 330 DECISION-MAKING FOR CONSUMERS** 3 F,S
Also offered as BTE 330.
Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life style, consumer protection, leisure, and achieving financial security.
- 331 CONSUMER MATERIALS** 3 F
FCS 103 req; 233 rec.
Application and evaluation of consumer information sources.
- 332 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT II** 3 S
AGR 317 req.
Advanced application of marketing and management concepts as they relate to the promotion of the multi-faceted food industry.
- 333 FAMILY AND CONSUMER PUBLIC POLICY** 3 S
FCS 103 req, 233 rec.
Public and private sector programs serving human needs; role of family and consumer science professional in the public policy arena.
- 338 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN I** 3 S
Jr or sr standing req. Formerly HISTORY OF FURNISHINGS AND INTERIORS.
Major stylistic time periods in architecture and interior design from antiquity to late 19th century.
- 340 INTERIOR DESIGN I: STUDIO** 4 S
FCS 242 req. FCS 225 and 244 and TEC 110 or conc reg rec. Lecture and lab. Materials charge optional.
Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements.
- 345 INTERIOR DESIGN BUSINESS PRACTICES** 2 S
FCS 340 req; FCS 300 rec. Formerly ENVIRONMENTAL DESIGN AS A PROFESSION.
Practices and procedures of professional design firms. Emphasis on business ownership, programming, purchasing procedures, billing hours, contracts and business forms.
- 346 ENVIRONMENTAL LIGHTING DESIGN** 2 S
FCS 340 req. Formerly ENVIRONMENTAL LIGHTING.
Design of the luminous environment. Emphasis on lighting sources, fixture schedules, switching patterns, and the required drawings used in residential and commercial applications.
- 347 HUMAN FACTORS IN INTERIOR ENVIRONMENTS** 2 F
FCS 242 req.
Functional and aesthetic aspects of interior environments. Emphasis on interface between man-made environments and humans. Needs of special populations addressed.

348 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN II 2 F
FCS 338 rec. Formerly 248, CONTEMPORARY INTERIOR DESIGN.

Major movements in architecture and interior design from the late 19th century to the present.

352 RENDERING FOR INTERIOR DESIGNERS 3 F,S
FCS 242, or cons instr req. Also offered as ART 352.

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations.

361 FASHION HISTORY 3 F
FCS 226 req.

Fashions from antiquity through present day; personalities and cultural forces that influence them. Emphasis on the western world in the 20th century.

364 BASIC SKILLS IN COUNSELING 3 S
Not for cr if taken SED 362, 363.

Introduction to the basic procedures and skills of counseling from a multi-cultural context.

365 DESIGN STUDIO 3 S
FCS 122, 228 and 321 (formerly 322) req. May be repeated if content different; max 9 hrs. Cons inst req.

Advanced problem solving in apparel design.

368 FASHION PROMOTION 3 F
FCS 226 req.

Apparel merchandising techniques with emphasis on visual merchandising, advertising, fashion shows, and related promotional activities.

369 FASHION MERCHANDISING 3 F
FCS 226; MKT 230; MQM 220 req. Field trips req.

Management and operation of apparel retail firms with emphasis on store organization, salesmanship, inventory control, retail buying, and retail mathematics.

370 INTERIOR DESIGN II: STUDIO 4 F
FCS 340 req. FCS 218; TEC 211; and ART 352 conc req. Field trips req. Materials charge optional.

The process of linking spaces using architectural elements. Emphasizing the design process as it affects private and public spaces.

371 FASHION MERCHANDISING II 3 S
FCS 228 or conc req, 369 req.

Planning, developing and presenting product lines in manufacturing and retail sectors of the apparel business.

375 INTERIOR DESIGN III: STUDIO 4 S
FCS 370 req. Materials charge optional.

Study of design theory/analysis in relation to large-scale, comprehensive commercial interiors. Emphasis on codes regulating ergonomic and life safety issues.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS 3

Also offered as BTE 380. Incl Clin Exp: 5 hrs, Type 10.
 Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3
Also offered as BTE 382 and TEC 306. Incl Clin Exp: 5 hrs, Type 10.

Coordination techniques needed for high school and post-secondary teacher coordination in integrating classroom activities with daily employment.

394 HEALTH ASPECTS OF AGING 3 S
Also offered as HSC 394.

Characteristics of the aging process and factors influencing adaptations and the quality of living.

398 PROFESSIONAL PRACTICE: FAMILY AND CONSUMER SCIENCES 2-4 F,S,Summer
Jr/sr standing (74 hrs) req; FCS 200 and 50 percent seq req; 2.0 overall GPA on date of app req. May be repeated once. See advisor for additional seq req. Placement is not guaranteed. Prior cons dept chair req.
 Planned and supervised work experience in government, community, business, or industry.

398.01 PROFESSIONAL PRACTICE: CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

398.02 PROFESSIONAL PRACTICE: CONSUMER SCIENCES

398.03 PROFESSIONAL PRACTICE: FOOD—NUTRITION OR DIETETICS

398.04 PROFESSIONAL PRACTICE: HOUSING AND ENVIRONMENTAL DESIGN

398.05 PROFESSIONAL PRACTICE: FASHION MERCHANDISING AND DESIGN

HEALTH SCIENCES (HSC) 522

Felmley Hall, (309) 438-8329

Web address: www.cast.ilstu.edu/hsc/hschome.htm

Email address: hscinfo@ilstu.edu

Chairperson: Marilyn Morrow.

Tenured/Tenure-track Faculty:

Professor: Bierma.

Associate Professor: Kelley, Keyser, Micke, Morrow.

Assistant Professors: Barham, Broadbear, Byrns, Hentzen, Jin, Miller, Temple, Thomas, Van Draska, Waterstraat.

General Department Information

HONORS IN HEALTH SCIENCES

The Department offers honors study to qualified students who will pursue an individualized course of study. To qualify, students must be full-time declared majors in the Department, have completed 60 hours of credit, have and maintain a minimum cumulative 3.3 GPA, have and main-

tain a 3.5 GPA in the major, and have completed 9 hours in the major. To graduate with honors, students must complete 12 hours of honors work in professional courses in the major selected from the following options; participation in Honors Undergraduate Research and/or Honors Independent Study and/or in-course Honors. Students interested in the Honors Program should contact the departmental advisor.

Clinical Laboratory Science Program

Degree Offered: B.S.

Clinical laboratory scientists work as a part of the medical team. They analyze body fluids and perform tests using highly specialized equipment to diagnose diseases and monitor treatment. They are largely employed in hospitals and private clinical laboratories and industry.

Admission/Retention Requirements:

Entering freshmen desiring admittance to the Clinical Laboratory Science program must meet the admission requirements established by the University. Transfer students and students currently enrolled at the University who wish to be admitted to the program must (1) have a minimum cumulative GPA of 2.0 and a C or better in required classes, (2) provide an updated transcript of all college courses, and (3) complete a personal interview with the program director or Department academic advisor. Students should plan their specific program of study in consultation with the Department advisor. Seminars and independent study are available for students desiring additional study in the field.

Students apply for acceptance into an affiliated hospital for the Clinical Experience. Students must have maintained a cumulative 2.0 GPA and must have earned a C or better in required courses to begin the clinical residency. The experience involves technical instruction in hematology, clinical chemistry, blood banking, pathogenic microbiology and other aspects of laboratory medicine. Graduates of the program are eligible to write a national certification examination. Refer to the current CLS handbook for more information.

MAJOR IN CLINICAL LABORATORY SCIENCE

- 70 hours as specified below.
- Required courses (22 hrs): HSC 260, 261, 262, 301, 302, 304, 308 and clinical rotations either as:
Track 1 (27 hrs): HSC 332, 333, 334, 335, 336, 337, 338, 339 or
Track 2 (27 hrs): HSC 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.27, 398.28, 398.29.
- Required courses outside Health Sciences (21 hrs): BSC 203, 219 or 283, 260; CHE 141, 220.
- Required General Education courses (14 hrs): BSC 196, 197, CHE 140, MAT 120.
- Strongly recommended courses: HSC 105, 160, 204, and a computer course.
- **NOTE:** This major may require more hours than indicated due to prerequisites or lack of prior skill.

Environmental Health Programs

Degree Offered: B.S.

Environmental Health professionals work to manage our surroundings to protect the environment and human health. Employed primarily in industry or public health departments, they perform inspections, prepare enforcement reports, do field sampling/testing, present information to the public, administer and plan activities, and direct investigative programs.

Admission/Retention Requirements:

Entering freshmen are admitted to the Environmental Health program if they meet University admission requirements. Transfer students and students currently enrolled at the University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program.

Accreditation:

The program is accredited by the National Environmental Health Science and Protection Accreditation Council.

MAJOR IN ENVIRONMENTAL HEALTH

- 39 hours in Health Sciences required.
- Required courses (15 hrs): HSC 145, 204*, 258, 349, 355.
- Professional Practice (9 hrs): 398.01.
- Group 1 elective courses (15 hrs): HSC 248, 250, 254, 322, 347, 350, 352, 357, 359.
- Group 2 (additional) elective courses (6 hrs): HSC 156, 190, 271, 287, 291, 292, 362, 370, 381, 383; BSC 202, 361; CHE 215, 242, 280; KNR 181; GEO 105, 276, 360.
- Required courses outside of HSC (15 hrs, excluding required General Education courses): CHE 141, 220; KNR 182; MAT 119.
- Required General Education courses (17 hrs): BSC 160; CHE 140; MAT 120 or 145; PHY 105 or 108.
- ***NOTE:** The General Education courses MQM 100 or ECO/GEO/POL/PSY 138 may be substituted for HSC 204.

MINOR IN ENVIRONMENTAL HEALTH

- 15 hours in Health Sciences required.
- Required courses (9 hrs): HSC 145, 156, 248.
- Elective courses (6 hrs): HSC 250, 254, 322, 347, 350, 352, 357, 359, 383.
- Required courses outside of Health Sciences: (15 hrs): BSC 160; CHE 140, 141; MAT 119 or 120 or 145.
- **NOTE:** BSC 160, CHE 140, MAT 120 and 145 are General Education courses.

Health Education Program

Degrees Offered: B.S., B.S. in Ed.

Health Educators are people working with people. They work in schools or community settings. They promote positive health behaviors by giving presentations,

planning and implementing programs, preparing newsletters/brochures, assessing individual health needs, teaching and training, coordinating community/school efforts, and acting as a resource person. Every Health Education major completes a core of 21 hours and either a sequence in school health education or community health education.

Admission/Retention Requirements:

Entering freshmen and transfer students desiring admittance to the Health Education program must meet the admission requirements established by the University. Students currently enrolled at the University who wish to be admitted to the program must have a minimum cumulative GPA of 2.0.

Selective Admission For The School Health Education Sequence In Health Education:

All Health Education majors planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, students must have verified the following:

1. Completion of a program application and projected program plan with departmental advisor.
2. A minimum cumulative and major GPA of 2.5 including Professional Education courses.
3. Recommendation for admission to Teacher Education by Health Education faculty.

Selective Retention For The School Health Education Sequence In Health Education:

In order to receive departmental approval for the student teaching assignment the student must verify the following:

1. Maintain a minimum cumulative and major GPA of 2.5 including Professional Education courses.
2. Completion of all core, required and elective components of the program.
3. Recommendation from the Teacher Education Coordinator following completion of the Clinical Experience in HSC 391.

CLINICAL EXPERIENCES IN SCHOOL HEALTH EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MAJOR IN HEALTH EDUCATION

- 53 total hours (School Health Education) or 54 total hours (Community Health Education) required.
- Required core courses (21 hrs): HSC 190, 290, 292, 296, 297, 390; SOC 123.

Health Education majors must also complete either the School Health Education Sequence or the Community Health Education Sequence.

School Health Education Sequence:

This sequence is part of the program leading to a 6-12 secondary certificate.

- Required courses (6 hrs): HSC 387, 391 (3 hrs).
- Elective (3 hrs): 1 course selected from: FCS 102; KNR 113; HSC 394; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.
- Students must complete an education minor, the Professional Education requirements (23 hrs, including 9 hrs of student teaching) as described in the Teacher Education requirements section of this *Undergraduate Catalog* and the General Education requirements. A 2.50 major and minor GPA required for admission to Teacher Education and for student teaching.
- **NOTE:** This major does not meet middle-level endorsement requirements for the State of Illinois. See advisor for information on this endorsement.

Community Health Education Sequence:

- Required courses (24 hrs): BSC 145; HSC 204, 286, 395, 396, 398.02.
- Electives (9 hrs) chosen in consultation with an advisor from the following: FCS 102; KNR 113; HSC 387, 394; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.
- 2.5 major GPA prior to the semester of enrollment in HSC 398.02.

MINOR IN HEALTH EDUCATION

Minor in School Health Education:

- 26 hours required.
- Required courses (23 hrs): HSC 190, 290, 292, 296, 297, 390, 391 (2 hrs); SOC 123
- Electives (3 hrs): FCS 102; KNR 113; HSC 394, 387; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341.

Minor in Community Health Education:

- 24 hours required.
- Required courses (15 hrs): HSC 190, 290, 292, 296, 297.
- Electives (9 hrs): 3 courses from: FCS 102; KNR 113; HSC 286, 387, 390, 394, 395, 396; PSY 112 or 113, 232, 305; SOC 210, 212, 262, 264, 341. Six (6) hours must be from Health Sciences (HSC) courses and at least 3 of those six (6) hours must be at the 300-level. Other advanced-level Health Sciences courses may be substituted as electives with consent of Health Sciences advisor.

Health Information Management Program

Degree Offered: B.S.

Health information managers are professionals responsible for the management of health data and health information systems in health care organizations and organizations that use health data. They ensure data quality; code and classify data; maintain data security and privacy; design, implement and manage health information systems; evaluate medical care data to monitor quality and risk; and manage support personnel.

MAJOR IN HEALTH INFORMATION MANAGEMENT**Admission/Retention Requirements:**

Entering freshmen are admitted to the Health Information Management Program if they meet University admission requirements. Transfer students and students currently enrolled at the University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program. Students must have a grade of C or better in BSC 181 and 182 or KNR 181 and 182 and HSC 105 to enroll in major HIM classes. Graduates of the program are eligible and expected to write the National Registration Examination. Those who pass the registration examination are entitled to use the designation RHIA (Registered Health Information Administrator) after their name.

- Prerequisite courses (12-14 hrs): BSC 181 and 182 or KNR 181 and 182; ECO 101 or 103 or 105; HSC 105.
- Major courses (58 hrs): HSC 200, 201, 202, 204, 210, 212, 213, 214, 230, 300, 310, 320, 340, 345, 346, 398.03; MQM 220, 240, 323.
- Recommended course: ACS 168.

Accreditation:

The program is accredited by the Commission on Accreditation of Allied Health Education programs in cooperation with the Council on Accreditation of the American Health Information Management Association.

Safety Program

Degree Offered: B.S.

Safety professionals apply principles drawn from such disciplines as technology, the sciences, management, communication, health, and education to reduce the risk of harm to people, property and the environment. Safety professionals have the knowledge and skills to identify, evaluate, and cost-effectively control or prevent the hazards that can produce harm to people, property and the environment. Successful safety professionals are effective communicators with strong "people skills." Safety professionals are employed in a variety of public and private sector assignments, including manufacturing, insurance, construction, government, and consulting.

Admission/Retention Requirements:

Entering freshmen are admitted to the Safety program if they meet the admission requirements established by the University. Transfer students and currently enrolled students at Illinois State University should see the Department academic advisor for admission. A minimum cumulative GPA of 2.0 is required for admission and retention in the program.

Professional Affiliation:

Professional affiliation is with the American Society of Safety Engineers, Central Illinois Chapter, Illinois State University student section.

MAJOR IN SAFETY

- 39 hours in Health Sciences required.
- Required courses (21 hours): HSC 248, 271, 359, 370, 380, 381, 382.
- Professional Practice (6 hours): 398.04.
- Four elective courses selected from the following (12 hours): HSC 272, 362, 372, 378, 383, 384, 385, 388, KNR 342**
- Required courses outside of Health Sciences (8-13 hours): CHE 141***, CHE 220, TEC 130.
- Required General Education courses: MAT 120, CHE 110 and 112 or CHE 140***; PHY 105 or 108, MQM 100 or ECO/GEO/POL/PSY 138.

**KNR 181 is a prerequisite for KNR 342 (elective course).

***Required for students choosing the CHE 140 & 141 chemistry sequence.

MINOR IN SAFETY

- 21 hours in Health Sciences required.
- Required courses (6 hrs): HSC 271, 381.
- Elective courses selected from the following (15 hrs): HSC 248, 272, 359, 362, 370, 372, 378, 380, 382, 383, 384, 385.
- Required courses outside of Health Sciences (12-14 hrs): CHE 110, 112 or CHE 140; MAT 120; PHY 105 or 108.

Health Sciences Courses

105 MEDICAL TERMINOLOGY 3 F,S
Study of basic language related to medical science and allied health specialties with emphasis on word analysis, construction, definitions, pronunciation, spelling, and standard abbreviations.

145 ENVIRONMENTAL HEALTH PRACTICE 3 F,S
Maj/min or cons inst req. Formerly 245.

Introduction to problem-solving and critical thinking tools and skills used in the practice of environmental health.

156 ENVIRONMENTAL HEALTH IN THE 21ST CENTURY: MEETING THE GLOBAL CHALLENGE OC-KD/SMT 3 F,S
Inner Core req. Not for cr if had HSC 155.

Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being.

160 INTRODUCTION TO CLINICAL LABORATORY SCIENCE 2 F,S
Profession of Clinical Laboratory Science emphasizing origin, goals, organizational structure, professional requirements, interrelationships with other professions, professional ethics, and considerations for future.

170 SAFETY AND SOCIETY OC-DKCC/SS 3 F,S
Inner Core req.

Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective.

176 INTRODUCTION TO MOTORCYCLE SAFETY 1 S
Not for cr maj/min.

Classroom and laboratory experiences provide basic knowledge, skills, and techniques necessary for the safe operation of a motorcycle.

190 FOUNDATIONS OF HEALTH EDUCATION 3 F,S
Health Ed maj/min only.

The historical and philosophical perspectives of the development of Health Education. A comparison of the major concepts and theories of health and characteristics of health education programs in schools and communities.

194 HEALTHFUL FAMILY LIVING 2 F,S
Introduction to the health of the family as illustrated through illness patterns, stress, abuse, and health behavior.

196 DRUGS IN LIFESTYLES 2 F,S
Human, social, and cultural issues surrounding the problems of drug abuse. Personal motivations and behaviors are identified.

200 HEALTH INFORMATION TECHNOLOGY 3 S
HSC 105, 201 and 210 req. Maj only. Materials charge optional. Formerly HEALTH INFORMATION MANAGEMENT.

Understanding the role and requirements of information technology in health information management.

201 PATHOPHYSIOLOGY I 3 F
Grade of C or better in HSC 105, BSC 181 and 182, or BSC 181 and 182 req. HCS maj only. Formerly FUNDAMENTALS OF MEDICAL SCIENCE I.

Study of human disease processes, including the diagnosis, treatment and management of patients.

202 PATHOPHYSIOLOGY II 3 S
HSC 201 req. Formerly FUNDAMENTALS OF MEDICAL SCIENCE II.

Continuation of HSC 201.

204 HEALTH DATA ANALYSIS 3 F,S,Summer
HCS maj only.

Theory and practice of analysis and presentation of data for management and research in the Health Sciences.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-DKCC/SMT 3 F,S
Inner Core req. MC-IS category req. Also offered as FCS/KNR 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT 3 F
Materials charge optional.

Introduction to health information management policies and practices including health data types, standards, collection, quality, registries, access and retention.

212 HEALTH DATA CLASSIFICATION AND INDEXING SYSTEMS 3 S
HSC 201 and 210 req.

Introduction to the application of diagnosis and procedure classification systems and indexing systems.

213 ADVANCED APPLICATIONS OF HEALTH DATA CLASSIFICATIONS AND INDEXING SYSTEMS 3 F
HSC 202, 212, and 398.03 req.

Application of advanced concepts in classification and indexing systems including quality and performance monitoring.

214 ALTERNATIVE CLASSIFICATION SYSTEMS 2 S
HSC 213 req.

Application of various ambulatory and specialized diagnosis and procedure classification systems utilized in alternative health care settings.

- 230 LEGAL ASPECTS OF HEALTH INFORMATION AND RISK MANAGEMENT** 3 S
HSC 105 and 210 or cons inst req. Maj only. Formerly LAW, HEALTH CARE AND DOCUMENTATION.
Review and application of laws, policies, procedures and practices applying to the legal aspects of health information and risk management.
- 248 OCCUPATIONAL HEALTH** 3 F,S
CHE 110 and 112 or CHE 140; MAT 119 or 120 or 145 req.
Adverse environmental conditions encountered in the workplace affecting the efficiency, health, and well-being of employees.
- 250 COMMUNITY ENVIRONMENTAL HEALTH** 3 F
HSC 145 req. Not for cr if had HSC 246.
Evaluation of environmental health in communities and transient populations. Strategies for assessment, management, investigation and code development will be explored.
- 254 CONTROL OF INSTITUTIONAL ENVIRONMENTS** 3 F
CHE 140 req; CHE 141 or conc reg req; HSC 145; BSC 160 or conc reg req. Lecture and lab. Materials charge optional.
Environmental health aspects of hospitals, nursing homes, penal institutions, schools, colleges and universities. Control of physical, chemical and microbiological hazards.
- 258 EPIDEMIOLOGY** 3 S
MAT 119 req; BSC 160 or 260 or conc reg req; HSC 145 and 204 req.
Principles and methods governing the surveillance and investigation of disease and injury in human populations.
- 260 INTRODUCTION TO THE MEDICAL LABORATORY: IMMUNOHEMATOLOGY AND SEROLOGY** 4 F
BSC 197 req. Lecture and lab. Materials charge optional.
Basic principles and procedures of immunohematology (blood banking) and serology.
- 261 INTRODUCTION TO THE MEDICAL LABORATORY: HEMATOLOGY** 3 F
BSC 197; enr in Clin Lab Sci program or cons inst req. Lecture and lab. Materials charge optional.
Study of the formed elements of the blood. Basic morphological changes due to disease are studied.
- 262 INTRODUCTION TO THE MEDICAL LABORATORY: APPLIED CLINICAL ANALYSIS** 4 F
BSC 196, 197; enr in Clin Lab Sci program or cons inst. Lecture and lab. Materials charge optional.
The principles, procedures and theory of instrumentation for chemical analysis of body fluids in the clinical laboratory.
- 271 SAFETY TECHNOLOGY** 3 F,S
CHE 102 or CHE 110 and 112 or CHE 140; MAT 120 or MAT 121 or MAT 145 req.
Controlling production costs due to accidents. Addresses legislation, worker's compensation, hazard recognition, and safety planning. Includes basic engineering solutions.
- 272 CONSTRUCTION SAFETY** 3 F,S
MAT 120 req.
Addresses employee safety training requirements, record-keeping, hazard recognition, safety inspections, and program planning in the construction industry.
- 286 NEEDS ASSESSMENT IN HEALTH EDUCATION** 3 S
HSC 190 req. Health Ed maj/min only.
Emphasis on procedures which identify Health Education priorities of populations in various settings. Examination of health needs of select populations.
- 290 STRATEGIES IN HEALTH EDUCATION** 3 F,S
HSC 190 req. Computer skills rec. Inc Clin Exp: 5 hrs, Type 1, 3, 5. Maj/min only.
Examination of the educational process, methods, strategies, and techniques in Health Education, communication techniques and current resources.
- 292 COMMUNITY PUBLIC HEALTH** 3 F,S
HSC 190 or cons inst req. Maj/min only.
Introduction to community public health at local, state, and national levels. Includes emphasis on community health problems, institutions and resources.
- 296 CONCEPTS IN HEALTH EDUCATION** 3 F,S
HSC 190 req. Maj/min only.
An examination of health determinants, major theories, and models of health behavior. Application to Health Education programming will be emphasized.
- 297 MODERN HEALTH PROBLEMS** 3 F,S
Health Ed maj/min only.
Emphasis on recent developments in selected critical health areas and their application to individual health habits and attitudes.
- 300 HEALTH INFORMATION SYSTEMS** 3 F
HSC 200 req; MQM 240 or conc reg req. Maj only. Formerly MEDICAL INFORMATION SYSTEMS DESIGN.
Management and analysis of health data using health information systems.
- 301 INTRODUCTION TO COAGULATION AND HEMOSTASIS** 2 S
HSC 261 req. Materials charge optional. Formerly 361, IML-COAGULATION AND HEMOSTASIS.
Principles and test procedures related to blood coagulation and hemostasis. Correlation of test results in disease states.
- 302 ADVANCED APPLIED CLINICAL ANALYSIS AND INSTRUMENTATION** 3 S
HSC 262 or cons inst req. Formerly HSC 362, CLINICAL BIOCHEMISTRY and HSC 302 CLINICAL INSTRUMENTATION.
Theory and principles of advanced instrumentation and techniques used in reference, pharmaceutical, and biotechnology laboratories as related to disease diagnosis.

- 304 CLINICAL URINALYSIS AND BODY FLUID ANALYSIS** 2 F,S
HSC 261 and 262 req. Lecture and lab. Materials charge optional. Formerly 364, *CLINICAL URINALYSIS AND MICROSCOPY*.

Lecture and laboratory experience in routine urinalysis, special urine procedures and body fluids. Basic microscopy and maintenance is also discussed.

- 308 INTRODUCTION TO CLINICAL MICROBIOLOGY** 4 S
BSC 260 req. Lecture and lab. Formerly HSC 368, *CLINICAL MICROBIOLOGY*. Materials charge optional.

Survey of medical microbiology with emphasis on common pathogens. Included are taxonomy, identification, culture methods, procedures and antibiotic susceptibility testing.

- 310 HEALTH INFORMATION MANAGEMENT SEMINAR** 2 S
HSC 213, 345 and 346 req. Maj only.

Literature survey and intensive exploration of issues, problems and trends in the health information management.

- CLS CLINICAL STUDIES** F,S,Summer
MAT 120; BSC 196, 197, 203, 219 or 283, 260; CHE 140, 141, 220, 242 req. HSC 260, 261, 262, 301, 302, 304, 308, or conc reg req. Students must have a cum GPA of 2.0 and must have received a C or better in courses required for the major. Cons Program Dir req. Acceptance into an affiliated hospital. Evidence of health/professional liability insurance req. Hepatitis B vaccination req. Additional information is available in the *Clinical Laboratory Science Program Student Handbook*. Students must complete an entire set of clinical study courses (track 1 or 2) to be eligible for national certification:
Track 1: 2-semester clinical study (27 hrs): HSC 332, 333, 334, 335, 336, 337, 338, 339 or
Track 2: 1-semester clinical study with alternative course work (27 hrs): HSC 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.25, 398.27, 398.28, and 398.29.

- 312 CLINICAL BIOCHEMISTRY** 3 F,S,Summer
HSC 262; BSC 203; MAT 120 or cons inst req. Formerly 362, *CLINICAL BIOCHEMISTRY*.

Concentrated laboratory instruction and theoretical applications of clinical biochemistry. Current testing procedures, method comparison, and quality assurance are studied.

- 315 CLINICAL PARASITOLOGY AND MYCOLOGY** 2 F,S,Summer
HSC 308 req. Formerly 365, *CLINICAL PARASITOLOGY*.

General techniques for identification of clinically significant parasites and yeast. Morphology, symptomology, and epidemiology are stressed.

- 316 CLINICAL LABORATORY SCIENCE: SPECIAL TOPICS** 1 F,S,Summer
HSC 260, 261 and 262 or cons inst req. Formerly 366, *SPECIAL TOPICS*.

Current topics and trends in clinical laboratory science. May include ethics, regulatory issues, new technologies, education and management strategies.

- 317 CLINICAL HEMATOLOGY** 2 F,S,Summer
HSC 261, 301, 304 req. Formerly 367, *CLINICAL HEMATOLOGY*.

Study of blood cells under normal and stress conditions. Clinical correlation of test results and disease are emphasized.

- 318 CLINICAL MICROBIOLOGY** 2 F,S,Summer
HSC 308 and BSC 260 req. Formerly 368, *CLINICAL MICROBIOLOGY*.

Comprehensive medical microbiology with emphasis on characterization of less common pathogens, interpretation of clinical data and etiology.

- 319 CLINICAL IMMUNOHEMATOLOGY** 3 F,S,Summer
HSC 260 and BSC 219 or 283 req. Formerly 369, *CLINICAL IMMUNOHEMATOLOGY*.

Immunohematology theory and practice, including blood group study, compatibility testing, hemolytic disease of the newborn, blood transfusions and component preparation.

- 320 ORGANIZATION AND MANAGEMENT OF HEALTH INFORMATION SERVICES** 3 S
HSC 230, 300, 345 and 346; MQM 323 req. Formerly HSC 220. Maj only.

Managerial decision making for planning, organizing, staffing, directing and controlling the functions, operations and resources of a health information department.

- 322 POLLUTION PREVENTION** 3 F
MAT 119; CHE 220 or conc reg req; HSC 145 req.
Basic methods in pollution prevention as applied to industrial and nonindustrial settings.

- 325 LABORATORY EDUCATION AND MANAGEMENT** 2 S
HSC 260, 261 and 262 or cons inst req. Formerly HSC 366, *SPECIAL TOPICS*.

Foundation concepts of education and management, with emphasis on philosophies, methods and techniques for professional application with practicum.

- 332 APPLIED CLINICAL BIOCHEMISTRY** 1-7 F,S,Summer
HSC 302 req. Lecture and lab in a clinical setting. Formerly HSC 362, *CLINICAL BIOCHEMISTRY*.

Concentrated laboratory instruction in clinical biochemistry. Current testing procedures, instrumentation and quality assurance are studied.

- 333 APPLIED CLINICAL SEROLOGY AND IMMUNOLOGY** 2 F,S,Summer
HSC 260 and 308 req. Lecture and lab in a clinical setting. Formerly 363, *CLINICAL SEROLOGY AND IMMUNOLOGY*.

Concentrated laboratory instruction in clinical serology and immunology. Current testing procedures, instrumentation and quality assurance are studied.

- 334 APPLIED CLINICAL URINALYSIS** 1 F,S,Summer
HSC 304 req. Clinical lab only. Formerly, HSC 364, *CLINICAL URINALYSIS AND MICROSCOPY*.

Concentrated laboratory instruction in routine and special urinalysis procedures.

- 335 APPLIED CLINICAL PARASITOLOGY AND MYCOLOGY** 2 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting. Formerly 365, CLINICAL PARASITOLOGY.

Concentrated laboratory instruction in the identification of clinically significant parasites and fungi.

- 336 CURRENT ISSUES IN CLINICAL LABORATORY SCIENCE** 1 F,S,Summer
HSC 260, 261 and 262 or cons inst req. Lecture and lab in a clinical setting. Formerly HSC 366, SPECIAL TOPICS.

Current topics and trends in clinical laboratory science. Emphasis on concepts of education and management for professional application.

- 337 APPLIED CLINICAL HEMATOLOGY** 1-4 F,S,Summer
HSC 261 and 302 req. Lecture and lab in a clinical setting. Formerly 367, CLINICAL HEMATOLOGY.

Concentrated laboratory instruction in clinical hematology and coagulation. Current testing procedures, instrumentation and quality assurance are studied.

- 338 APPLIED CLINICAL MICROBIOLOGY** 1-6 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting. Formerly 368, CLINICAL MICROBIOLOGY.

Concentrated laboratory instruction in clinical microbiology, including identification of pathogens, culture methods, procedures, antibiotic testing and interpretation of clinical data.

- 339 APPLIED CLINICAL IMMUNOHEMATOLOGY** 1-4 F,S,Summer
HSC 260 req. Lecture and lab in a clinical setting. Formerly 369, CLINICAL IMMUNOHEMATOLOGY.

Concentrated laboratory instruction in blood bank. Current testing procedures, donor collection, preparation of blood components and quality assurance are studied.

- 340 TRENDS IN HEALTH CARE DELIVERY** 3 S
HSC 210 and 213 req. Maj only.

Review of emerging nontraditional and specialized health care facilities including organization characteristics, accreditation standards, regulatory requirements and health information applications.

- 345 QUALITY MANAGEMENT IN HEALTH CARE** 3 F
HSC 204, 210, and 212 or cons inst req. Maj only. Formerly QUALITY ASSURANCE IN HEALTH CARE.

Review and application of strategies to investigate, identify, assess, resolve and monitor performance using health data.

- 346 HOSPITAL BUDGETING PROCEDURES** 3 F
HSC 212 and 200 or cons inst req. Maj only.

Systematic study of hospital planning; coordination of resources and expenditures; reimbursement methods.

- 347 WASTE MANAGEMENT PRACTICES** 4 F
MAT 119; CHE 140 and 141 req; CHE 220 or conc reg req; HSC 145 req. Materials charge optional. Formerly HSC 247.

Sewage, solid, and hazardous waste sources; effects on health and environment, treatment processes, and control measures.

- 349 ENVIRONMENTAL TOXICOLOGY** 3 F
MAT 120 or 145; CHE 140, 141 req; CHE 220 or conc reg req; KNR 182 and HSC 145 req. Formerly HSC 249.

Toxicants such as heavy metals, gases, vapors, dusts, pesticides, food additives, and their effects on health and the environment.

- 350 FOOD PROTECTION** 3 S
HSC 145; CHE 140 req; CHE 141 or conc reg req; BSC 160 or conc reg req. Lecture and lab. Materials charge optional.

An intensive study of the laws, principles, and techniques applied in the protection of food and milk for human consumption.

- 352 WATER QUALITY AND TREATMENT** 3 S
MAT 120 or 145; CHE 140 and 141; HSC 145; BSC 160 or conc reg req. Lecture and lab. Materials charge optional. Formerly HSC 252.

Water quality maintenance for drinking and recreational uses; health effects and control measures are considered.

- 355 ENVIRONMENTAL HEALTH DECISION PROCESSES** 3 S
HSC 145 req. Sr maj in Env Health program or cons inst.

An intensive study of the decision making techniques, organizational structure, interagency relationships, program methodologies, and legal aspects of environmental health practice.

- 357 AIR QUALITY AND POLLUTION CONTROL** 3 S
CHE 140, 141 req; CHE 220 or conc reg req; MAT 119; KNR 182 or conc reg req; HSC 145 req. Lecture and lab. Materials charge optional. Formerly HSC 257.

Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control.

- 359 INDUSTRIAL HYGIENE** 3 F,S
HSC 248; MAT 120 or 145 req. Lecture and lab. Materials charge optional.

Techniques for measurement, evaluation, and control of chemical and physical hazards in occupational environments.

- 362 ERGONOMICS** 3 F
HSC 271 req. Lecture. Formerly HSC 462.

Overview of physical and psychological aspects of ergonomics, including workstation design, its role in accident causation, and ergonomic-related injuries and illnesses.

- 370 INDUSTRIAL ACCIDENT PREVENTION** 3 F,S
HSC 271, PHY 105 or 108 req.

Principles, responsibilities, and techniques for developing, organizing, implementing, and administering an industrial safety program.

- 372 ACCIDENT INVESTIGATION, RECORDS, AND EVALUATION** 3 F
PHY 105 or 108; HSC 271 or conc reg req.

Theory and function of accident investigation, reporting, and analysis systems. Form design and utilization and cost-evaluation procedures.

- 378 DISASTER PREPAREDNESS** 3 F,S
CHE 110 and 112 or CHE 140; MAT 120 req or cons instr.

Organizing, directing, coordinating disaster services in schools, industry, and local government. Includes a hands-on disaster exercise.

- 380 FIRE PROTECTION AND PREVENTION** 3 F,S
HSC 370; PHY 105 or 108; MAT 120 or 145 req. Materials charge optional.

Measures related to safeguarding human life and preservation of property in prevention, detection, and extinguishing fires.

- 381 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)** 3 F,S
Jr/Sr standing; or cons inst req.

Interpretation of the provisions of the Occupational Safety and Health Act. The regulations, standards, and reporting requirements pursuant to it.

- 382 SAFETY PERFORMANCE CONTROL** 3 F,S
HSC 370; MQM 100 or ECO/GEO/POL/PSY 138 req.

Development of specialized knowledge and skills in problem-solving; evaluation and implementation of occupational safety programs.

- 383 AGRICULTURAL ACCIDENT PREVENTION** 3 F
CHE 110 or 140, or cons inst req. Half-day field trip req. Also offered as AGR 383. Formerly 373.

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement of countermeasures.

- 384 HAZARDOUS MATERIALS REGULATION** 3 F
CHE 220; HSC 271 req.

Overview of federal and state safety and environmental regulations dealing with hazardous materials in the workplace and community.

- 385 SYSTEM SAFETY** 3 S
HSC 370; HSC 204 or MQM 100 or ECO/GEO/POL/PSY 138 req. Formerly SYSTEM SAFETY MANAGEMENT AND ENGINEERING.

Application of principles of system analysis, hazard analysis, fault tree analysis and other safety techniques.

- 387 PROGRAMS IN SCHOOL HEALTH** 3 F
HSC 290 and 292 req.

Comprehensive school health education with major topics of health education, school health programs, and school community collaboration.

- 388 DIRECTED PRACTICE IN OCCUPATIONAL SAFETY** 3
HSC 271, 370, and 381 req. Safety majors only.

Application of occupational safety principles and techniques in the industrial, insurance, and business environments. Field trips and seminars utilized.

- 390 DRUGS IN SOCIETY** 3 F,S
Health Ed maj/min only. Jr/sr standing req.

Psychological, social, medical, legal, and economic aspects of use, misuse, and abuse of substances will be explored along with the implications for education and prevention.

- 391 CURRICULUM AND EVALUATION IN SCHOOL HEALTH** 2-3 F,S, Summer
HSC 290, C&I 216 req. Adm to Teacher Ed req. Health Ed maj req to take 3 hrs in spring; Incl Clin Exp: 35 hrs, Type 1,2,4. Health Ed minor and other teaching maj should enroll for 2 hrs in fall or summer. Formerly 288, SCHOOL HEALTH.

School health education standards, curriculum development and evaluation, student assessment and accommodation for student with special needs.

- 394 HEALTH ASPECTS OF AGING** 3 S
Also offered as FCS 394.

Characteristics of the aging process and factors influencing adaptation and the quality of living.

- 395 MEDIA AND MATERIALS IN HEALTH EDUCATION** 3 F
HSC 286 and 290 req. HSC maj only.

Analysis and development of print and non-print materials and their use by health educators.

- 396 HEALTH EDUCATION PROGRAM PLANNING AND EVALUATION** 3 F
HSC 286 and 290 req. HSC maj only.

Theory and application of Health Education planning and promotion. Grantsmanship and evaluation will be emphasized.

- 398.01 PROFESSIONAL PRACTICE: ENVIRONMENTAL HEALTH INTERNSHIP** 3-12 F,S,Summer
Cons program dir req. May be repeated; max 12 hrs.

Internship in a governmental, industrial, or institutional organization, providing on-the-job training and introduction to a career in environmental health.

- 398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN HEALTH EDUCATION** 9 S,Summer
2.5 maj GPA; HSC 395 and 396 req.

Extended in-service experience under the guidance of qualified personnel in Health Education.

- 398.03 PROFESSIONAL PRACTICE: HEALTH INFORMATION MANAGEMENT: CLINICAL INTERNSHIP AND RESIDENCY** 6 F,S,Summer

Maj only and cons program director req. Evidence of health insurance and professional liability insurance req.

Rotation and project assignments in medical record centers in Illinois area health facilities.

- 398.04 PROFESSIONAL PRACTICE: INTERNSHIP IN SAFETY** 6-12 F,S,Summer
HSC 271, 370, 381 req. Sr standing req. 2.0 maj GPA req. Safety majors only.

Planned and supervised work/study experiences in local and state business, industries, and governmental agencies engaged in loss prevention.

**398.22 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
BIOCHEMISTRY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.23 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
SEROLOGY 1 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.24 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE: URINALYSIS
AND BODY FLUIDS 1 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.27 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
HEMATOLOGY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.28 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
MICROBIOLOGY 4 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**398.29 PROFESSIONAL PRACTICE: CLINICAL
LABORATORY SCIENCE:
IMMUNOHEMATOLOGY 2 F,S**

Primarily for students completing the B.S. requirements through clinical study track 2. This is a 1-semester clinical rotation located at 1 of 10 possible clinical training sites. Please see CLS Student Handbook for locations and additional information. Students must show proof of health/professional liability insurance. Hepatitis B vaccination required.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

**KINESIOLOGY AND
RECREATION (KNR) 512**

215 Horton, (309) 438-8661

Web address: <http://www.kinrec.ilstu.edu/>

Director: Alan C. Lacy.

Tenured/Tenure-track Faculty:

Professors: Chapman, Jones, Lacy, Little, McCaw, Rossman, Stumbo, Turco, Verner, Vogler.

Associate Professors: Brown, Thomas.

Assistant Professors: Amorose, Coleman, Garrahy, Gorecki, Hopkins, Kief, Klitzing, Lagally, McHugh, McLoda, Polacek, Schlatter, Smith.

General School Information**Admission/Retention Requirements:**

A student may be admitted to the Physical Education Major or the Recreation and Park Administration Major as a new freshman, as a transfer student, or as a change of major at Illinois State University. New freshmen who meet the University's admission standards may elect to become a major in the School of Kinesiology and Recreation. GPA requirements for transfer student admissions are the same as the Change of Major (within Illinois State). Applications for prospective Recreation and Park Administration majors are available in the School academic advisor's office.

Retention of students admitted to the Physical Education Major, or to the Recreation and Park Administration Major, will be determined by the student's cumulative GPA and other specified criteria required for the sequence in the major. All major courses must be completed with a grade of C or better.

HONORS IN KINESIOLOGY AND RECREATION

The School of Kinesiology and Recreation offers the highly qualified major or minor student an individualized program. The final designation *Honors in Kinesiology and Recreation* is earned by completing the program and fulfilling specific criteria. Additional information may be obtained from the Director of the School of Kinesiology and Recreation.

PROFESSIONAL PRACTICE/STUDENT TEACHING

Internship and cooperative education experiences are available at all levels in Physical Education (298, 398), and in Recreation and Park Administration (198, 298, 398). Students may earn from 1-16 hours. No more than 16 hours may be applied toward graduation. Professional Practice experiences are supervised work experiences in businesses, agencies, organizations, and institutions and are either paid or unpaid. For further information, contact the Professional Practice coordinator in your major. A student with a double major in Physical Education will enroll in professional practice with the area of certification as the primary assignment. An 80-hour assignment in the secondary sequence area will be assigned.

Student teaching in Physical Education requires being accepted into the Teacher Education program at Illinois State University. Students are placed in schools with physical education cooperating teachers at the elementary, middle school, and/or secondary school levels as required for teacher certification. Student teachers are supervised by Physical Education faculty supervisors. The Physical Education Student Teaching Coordinator arranges for all student teaching placements.

Physical Education Programs

Degrees Offered: B.S., B.S. in Education

MAJOR IN PHYSICAL EDUCATION

Physical Education students may select one of four sequences in the major. Three sequences in Physical Education: Teacher Education, Exercise Science and Fitness, and Athletic Training, each require a cumulative GPA of 2.5 for admission and retention. The Physical Education Studies (general) Sequence requires a cumulative GPA of 2.0 for admission and retention. All physical education major courses must be completed with a grade of C or better.

Physical Education Studies (general) Sequence (B.S.):

A student has the opportunity to select from a series of Physical Education courses to develop a plan of study. Students selecting the Physical Education Studies Sequence must meet the following requirements:

Selective Admission:

Students selecting the Physical Education Studies Sequence must have earned a cumulative 2.0 GPA.

Physical Education Studies Sequence Program of Study:

- 40 hours required.
- Required courses: 26-hour core of KNR 160, 181, 182, 240, 254, 257, 280, 282. Select 3 hours from KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80, 151.10, 151.20, 151.30, 152.20, 152.30, 152.50, 153.10, 153.20, THE 105, 119; KNR 281, 283, 285.
- 14 additional hours from within the Physical Education Program are required for majors not selecting a specialized sequence. A minimum of 8 hours of upper-division courses are required, 6 of which must be at the 300-level.
- A second major or minor, or an individualized program by advisement, is recommended.
- Graduation requirements: all required Physical Education courses must be completed with a grade of C or better.

Selective Retention:

After being officially admitted to the Physical Education Studies Sequence, the student must maintain a cumulative 2.0 GPA.

Teacher Education Sequences (B.S. in Ed.):

Selective Admission:

All Physical Education majors planning to become certified teachers must apply for and be admitted to the University's Teacher Education Program (see Teacher Education Program section of this *Undergraduate Catalog*). In addition to fulfilling University requirements for admission to Teacher Education, the Physical Education major must have verified the following:

1. Students admitted to the Teacher Education Sequence must have earned a completed 8 hours: KNR 158, 221, and two of the following Performance and Analysis courses: KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80, 151.10, 151.20, 151.30, 152.20, or 152.30, 152.50.
2. A minimum of 2.5 cumulative GPA and a minimum 2.5 major GPA.
3. Completion of departmental application for admission to the Teacher Education program and a projected program plan for graduation through contact with departmental advisor.
4. Participation in a personal interview as requested by the Sequence Coordinator of Teacher Education.
5. A positive recommendation from the Sequence Coordinator based upon evidence of satisfactory progress from faculty teaching in the major program.
6. Students who fail to meet all requirements for admission to Teacher Education by established deadlines may petition through the Physical Education Teacher Education Sequence Coordinator. The Office of CECF must approve all petitions.

Teacher Education Sequence Program of Study Leading to a 6-12 Standard Certificate:

- 76 total hours required.
- 52 hours in the following core and sequence courses required.
- 23 hours in core courses: KNR 160, 181, 182, 240, 254, 257, 280, 282.
- 29 hours in sequence courses: KNR 158, 221, 242, 341, 358, 383, 391, including 4 hours required from: KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 3 hours from KNR 151.10, 151.20, 151.30, 152.20, 152.30, 152.50; 2 hours from KNR 153.10, 153.20; THE 105, 119; 1 hour from KNR 281, 283, 285.
- 24 hours in Professional Education requirements (see C&I Professional Education requirements in this *Undergraduate Catalog*); STT 399.74 (10 sem hrs).

Teacher Education Sequence Program of Study Leading to a K-12 Special Certificate:

- 82 total hours required.
- 55 hours in the following core and sequence courses required.
- 23 hours in core courses: KNR 160, 181, 182, 240, 254, 257, 280, 282.
- 32 hours in sequence courses: KNR 158, 221, 225, 242, 341, 358, 383, 391, including 4 hours from KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 3 hours from KNR 151.10, 151.20, 151.30, 152.20, 152.30, 152.50; 2 hours from KNR 153.10, 153.20; THE 105, THE 119; 1 hour from KNR 281, 283, 285.
- 27 hours in Professional Education requirements: (see C&I Professional Education requirements in this *Undergraduate Catalog*); STT 399.74 (8 sem hrs), 399.75 (5 sem hrs).

Selective Retention:

In order to receive school approval for a student teaching assignment the student must verify the following:

1. A student, after having been officially admitted to the University Teacher Education program, must maintain a cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been reestablished, the student will be dropped from the Teacher Education program.
3. The student may reapply for admission upon meeting all of the criteria again. The student who is not readmitted after 1 semester of probation and a minimum 2.0 GPA will have the choice to enter the Physical Education Studies (general) Sequence.
4. Satisfactory recommendation from the Teacher Education Sequence Coordinator following completion of the Clinical Experience in KNR 358.
5. A student who has not been retained may appeal for reconsideration to the Physical Education Selection-Retention Committee. After consideration, the Committee will either disallow the appeal or approve reinstatement on a probationary basis for a specified period of time.

6. A student must show evidence of a current American Red Cross or National Safety Course/First Aid/CPR Certificate.

Entitlements:

Completion of the Teacher Certification Sequence in the 52-hour major and the Professional Education requirements entitles the Physical Education graduate to the 6-12 standard certificate, and the K-12 special certificate in the 55-hour major if additional student teaching assignments have been completed at the elementary level. Student choice will determine the type of student teaching assignment (elementary and secondary or secondary only) and thus the type of certification entitlement. Students who select a dual student teaching assignment are entitled to both the K-12 and 6-12 teaching certificates when they graduate.

Exercise Science and Fitness Sequence (B.S.):**Selective Admission:**

In addition to fulfilling University requirements for admission to Exercise Science and Fitness, the Physical Education major must have verified the following:

1. Students admitted to the Exercise Science and Fitness Sequence must have earned and completed 7 hours: (KNR 240, 280, and 298.10).
2. A minimum 2.5 cumulative GPA and a minimum 2.5 major GPA.
3. Participation in a personal interview as requested by the Sequence Coordinator of Exercise Science and Fitness.
4. Students who fail to meet all requirements for admission to Exercise Science and Fitness may petition through the Sequence Coordinator.

Exercise Science and Fitness Sequence Program of Study:

- 64 total hours required.
- 52 hours in the following core and sequence courses required.
- 23 hours in core courses: KNR 160, 181, 182, 240, 254, 257, 280, 282;
- 19 hours in sequence courses: KNR 154.40, 281, 283, 285, 298.10, 307, 308, 309, 310, 378.10.
- 10 hours in KNR 398.11.
- 12 hours in Interdisciplinary courses: FCS 102; 1 course from FCS 315; HSC 105; PSY 333; 1 course from BSC 241; PSY 303, 304; SOC 211; 1 course from ACS 150, 155.01, 155.02; ENG 249; ECO/GEO/POL/PSY138; MAT 162.

Selective Retention:

Once admitted to the Exercise Science and Fitness Sequence, the student must maintain the following requirements:

1. A cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be

placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been re-established, the student will be dropped from the Exercise Science and Fitness Sequence.

3. A student who has not been retained in the Sequence, may reapply for admission to the Exercise Science and Fitness Sequence after meeting all of the criteria again. The student who is not readmitted after 1 semester of probation and a minimum 2.0 GPA will have the choice to enter the Physical Education Studies (general) Sequence.

Certification Opportunities:

This Sequence focuses on content areas needed for certification preparation by several organizations in this professional field of study, such as the American College of Sports Medicine. Students interested in certification should consult the Exercise Science and Fitness Sequence coordinator in the School of Kinesiology and Recreation for further information.

Athletic Training Sequence (B.S.):

Selective Admission:

All students planning to become certified athletic trainers must apply for and be admitted to the Athletic Training Clinical Education Sequence. Transfer students will be evaluated individually based on previous course work and credentials. Eligibility to apply for admission to the Athletic Training Clinical Education Sequence will be determined by the Director of Athletic Training Education. Applicants compete for available spaces in the program. The following criteria must be met for acceptance into the Athletic Training Clinical Education Sequence:

In addition to fulfilling University requirements, the Physical Education major wishing to apply for the Athletic Training Clinical Education Sequence must have verified the following:

1. Completion of prerequisite course work with a grade C or better in: KNR 181, 188, 188.01.
2. Overall GPA of 2.50 or better and major GPA of 2.50.
3. Completed application for admittance to the Athletic Training Clinical Education Sequence.
4. Students successful in the three previous criteria are then ranked on a point system as placement is limited by the number of clinical sites and availability of approved clinical instructors. The point breakdown is developed from the following criteria:
 - grade point average in athletic training courses
 - quality of written essay submitted with application
 - performance evaluations from clinical instructors
 - score on an athletic training general knowledge examination
 - two written recommendations from qualified individuals
 - completion of an interview with members of the athletic training faculty

The selection process results in one of the following student classifications:

- a. full acceptance to the clinical portion of the program
- b. qualified, but placed on a wait list
- c. not qualified, not accepted

Athletic Training Sequence Program of Study:

- 58 total hours required.
- 55 hours in the following core and sequence required:
- 23 hours in core courses: KNR 160, 181, 182, 240, 254, 257, 280, 282.
- 27 hours in sequence courses: KNR 188, 188.01, 284, 288, 298.11, 298.12, 298.13, 298.14, 298.15, 334, 335, 378.10, 387, 388.
- 5 hours in KNR 398.12.
- 3 hours Interdisciplinary course: FCS 315.

Selective Retention:

Once admitted to the Athletic Training Clinical Education Program, the student will begin clinical work in athletic training at Illinois State University, and must maintain the following requirements:

1. A cumulative 2.5 GPA and a major 2.5 GPA.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.5 GPA has not been re-established, the student will be dropped from the Athletic Training Clinical Education Sequence.
3. A student must earn a C or better on each site supervisor evaluation.
4. In keeping with the University requirements regarding hepatitis-B immunizations, clinical students in the program shall be immunized against this disease. Additionally students admitted to the Clinical Education Program must submit documents of a current physical examination from an approved licensed physician.
5. The student is responsible for maintaining standards and expectations of the program. Failure will result in notification and possible dismissal.
6. A student who has not been retained in the Athletic Training Clinical Education Sequence may reapply for admission during the next available application period. The student will have the choice to enter the Physical Education Studies (general) Sequence.

Certification and Licensure:

Completion of the Athletic Training program of study including 1200 supervised clinical hours and certification in first aid and CPR permit the student to apply to take the NATABOC certification examination and to apply for Illinois licensure as an athletic trainer. The student is strongly advised to see the athletic training program director to receive notification of the latest requirements for NATABOC certification and Illinois licensure.

MINOR IN DISABILITY STUDIES

The School of Kinesiology and Recreation participates in the Minor in Disability Studies program. Course work offered by the School contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled, "Minor in Disability Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN EXERCISE SCIENCE AND FITNESS

- 24 total hours required.
- 11 hours in core courses: KNR 181, 182, 240, 280.
- 11 hours in sequence courses: KNR 298.10, 307, 308, 309.
- 2 hours minimum selected from the following: KNR 154.40, 281, 282, 283, 285, 310.

NOTE: The Exercise Science and Fitness Minor is not available to majors in the Kinesiology program of study.

MINOR IN PHYSICAL EDUCATION

Elementary Physical Education Sequence:

This is a Teacher Education program.

- 28 hours in Kinesiology and Recreation required.
- Required courses (16 hrs): KNR 158, 181 or 182, 221, 241, 383.
- Elective courses (12 hrs): 6 hours from KNR 225, 257, 280, 282. Select 1 course from KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 1 course from KNR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30, 152.50; 1 course from KNR 153.10, 153.20; THE 105, 119; 1 course from KNR 281, 283, 285; 2 additional courses from any of the above.

Secondary Physical Education Sequence:

This is a Teacher Education program.

- 25 hours in Kinesiology and Recreation required.
- Required courses (13 hrs): KNR 158, 181 or 182, 241, 383.
- Elective courses (12 hrs): 6 hours from KNR 225, 257, 280, 282; Select 1 course from KNR 150.20, 150.30, 150.50, 150.60, 150.70, 150.80; 1 course from KNR 133.27, 151.10, 151.20, 151.30, 152.20, 152.30, 152.50; 1 course from KNR 153.10, 153.20; THE 105, 119; 1 course from KNR 281, 283, 285; 2 additional courses from any of the above.

Athletic Coaching Sequence:

This is a non-teaching program, not recognized as a teaching area in Illinois.

- 23 hours in Kinesiology and Recreation required.
- Required courses (11 hrs): KNR 181, 182, 207, 284; 2 hours from KNR 180, 240, 281, 283, 285, 298.10; 3 hours from KNR 280, 282; 4 hours from KNR 210, 211, 212, 213, 215; 3 hours from KNR 254, 306, 320, 387.

Recreation and Park Administration Program

Degree Offered: B.S.

Students may obtain advising material related to Recreation and Park Administration (RPA) in the School's main office. The Kinesiology and Recreation academic advisor will assist students with planning and completing an academic plan of study. All major courses in RPA must be completed with a grade of C or better.

MAJOR IN RECREATION AND PARK ADMINISTRATION

Admission Requirements:

1. Students must have an overall minimum GPA of 2.0.
2. Students must have completed: KNR 170, 170.01, 171, 198.30.
3. Students must complete a departmental application. Applications are available in the School advisement office.

Commercial Recreation Sequence:

- 67 total hours required.
- 39 hours in core courses: KNR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30.
- 12 hours in sequence courses: KNR 275, 277, 374, 377.
- 16 hours in interdisciplinary courses: ACC 131; MKT 230; FIL 208; 6 hours selected from ACC 132; FIL 209, 240; MQM 140, 220, 226; MKT 233; 1 hour selected from approved **applied** Art, Music, Theatre, or Physical Education courses.
- Recommended courses: COM 123, 223; ECO 105; ACS 150 or 155.01.
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Program Management Sequence:

- 62 total hours required.
- 39 hours in core courses: KNR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30.
- 12 hours in sequence courses: KNR 275, 276, 371, 374.
- 11 hours in interdisciplinary courses: select 6 hours from ACC 131; FIL 208; MQM 140, 220, 323; MKT 230; select 3 hours from approved **applied** Art, Music, or Theatre and 2 hours from Physical Education.
- Recommended courses: COM 123, 223; ECO 105; ACS 150 or 155.01.

Certification Opportunity:

Students graduating from this program are immediately eligible to sit for the examination to become a Certified Leisure Professional.

Therapeutic Recreation Sequence:

- 67 total hours required.
- 39 hours in core courses: KNR 170, 170.01, 171, 198.30, 270, 271, 298.30, 375, 376, 378.30, 398.30.
- 12 hours in sequence courses: KNR 273, 278, 279, 373.
- 16 hours in interdisciplinary courses: HSC 105; KNR 181 or 182; PSY 112 or 113, 350; 4 hours selected from approved **applied** Art, Music, Theatre, (3 hrs) and Physical Education (1 hr).
- Recommended courses: COM 123, 223; ACS 150 or 155.01.

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the NCTRC requirements (major and recommended courses including an approved internship) are eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist.

MINOR IN RECREATION AND PARK ADMINISTRATION

- 24 hours required.
- Required courses: KNR 170, 170.01, 171, 198.30, 270, 271, 375, 376.
- 3 hours of courses selected from: KNR 273, 275, 276, 277, 278, 279, 371, 373, 374, 377.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and the School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; KNR 271, 277, 377; POL 140 or 145.
- Recommended courses: GEO 315; KNR 374, 375.

Physical Education Courses

Some sections of these courses may be restricted to Kinesiology and Recreation majors.

An optional locker and towel charge will be assessed for students in selected Physical Education activity courses.

105 BADMINTON I 1 F,S
Not for cr if had KNR 150.20. Materials charge optional.

Introduction to the basic strokes and strategies of badminton. Tournament play in singles and/or doubles.

106.02 BASKETBALL II 1 F,S
Development of intermediate and advanced skills and strategies of basketball.

108 BILLIARDS I 1 F,S
Materials charge optional.

Basic shooting techniques with focus on stance, bridge and cue ball contact. Experience in games of Basic Pocket Billiards, Rotation and Eight Ball.

108.02 BILLIARDS II 1 F,S
KNR 108 req. Materials charge optional.

Development of complex skills such as Caroms, Banks, and combination shots. Emphasis on spin, and the application of English.

112 BOWLING I 1 F,S
Materials charge optional.

Development of basic skills and knowledge for the beginning bowler.

112.02 BOWLING II 1 F,S
KNR 112 req. Materials charge optional.

Development of more consistency with strikes and spares, an understanding of taps, lane conditions, ball tracks. Participation in a variety of tournaments.

113 PERSONAL FITNESS 3 F,S
Not for cr Physical Education maj. Materials charge optional. Lecture and lab.

The development of a personalized, comprehensive fitness program based on knowledge and understanding of the specific effects of exercise.

114 NAUTILUS CONDITIONING 1 F,S
Not for cr if had KNR 285.

Basic techniques and knowledge necessary to increase muscular strength through the use of nautilus resistive isotonic exercise equipment.

115 ADVENTURE EDUCATION 1 F,S
Not for cr if had KNR 152.50. Insurance clearance, liability and medical release waiver req.

Development of basic knowledge and skills in adventure education.

119 GOLF I 1 F,S
Not for cr if had KNR 150.50. Materials charge optional.

A basic course in golf designed for the beginner or high handicap golfer.

119.02 GOLF II 1 F,S
KNR 119 req. Materials charge optional.

Designed for experienced or low handicap player. Refinement of basic and advanced strokes. Development of game and course strategy.

126 AEROBICS 1 F,S
Not for cr if had KNR 281.

Introduction to aerobics designed to develop and improve strength, flexibility, and cardiovascular endurance.

127 SWIMMING I 1 F,S

Not for cr if had KNR 150.30. Materials charge optional. Formerly SWIMMING I – BEGINNING.

For the fearful or non-swimmer with no aquatic skills. Instruction in adjustment experiences, basic techniques of safety, survival, and propulsion.

127.02 SWIMMING II–INTERMEDIATE 1 F,S

KNR 127 req. Materials charge optional.

For swimmers with limited skills. Emphasis on basic strokes and introduction to basic diving techniques.

127.10 AQUATIC FITNESS 1 F,S

Not for cr if had KNR 283. May be repeated once. Ability to swim not req.

Shallow water aerobic exercise and/or lap swimming programs to develop and maintain physical fitness.

133 SELECTED ACTIVITIES 1 F,S

Material charge optional.

Selected beginning and/or intermediate activities offered as experimental programs.

136 VOLLEYBALL I 1 F,S

Not for cr if had KNR 151.30.

Basic skills, rules, and strategies involved in the game of volleyball, and application in tournament play.

136.02 VOLLEYBALL II 1 F,S

KNR 136 or intermediate skill in volleyball req.

Advanced knowledge, skills, and strategies of the game of volleyball, and application in a competitive situation.

137 SOCCER 1 S

Not for cr if had KNR 152.30.

Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

142 TENNIS I 1 F,S

Not for cr if had KNR 150.70. Materials charge optional.

Introduction to the basic strokes and beginning strategy of tennis. Tournament play in singles and/or doubles.

146 MILITARY PHYSICAL CONDITIONING 1 F,S

May be repeated; max 4 hrs.

Practical experience in the structure, techniques, and conduct of military physical conditioning to develop total fitness and leadership ability.

147 WEIGHT TRAINING 1 F,S

Not for cr if had KNR 285.

Basic knowledge and concepts of use of resistive exercises to increase muscular strength and endurance. Participation in an individual weight program.

149 FLAG FOOTBALL 1 F

Not for cr if had KNR 152.20.

Development of fundamental football skills and strategies needed for game of flag football.

150.20 BADMINTON PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly BADMINTON INSTRUCTIONAL METHODS. Materials charge optional.

Introduction to the basic strokes and strategies of badminton. Emphasizes teaching strategies and class organization utilized in badminton.

150.30 SWIMMING PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Materials charge optional.

Introduction to teaching swimming, water safety, and fitness. Includes course planning, practice teaching, and skill analyses.

150.50 GOLF PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly GOLF INSTRUCTIONAL METHODS. Materials charge optional.

Presentation of basic skills and knowledge in golf methods and procedures for golf teaching.

150.60 GYMNASTICS PERFORMANCE AND ANALYSIS 1 F

Maj/min only. Formerly GYMNASTICS INSTRUCTIONAL METHODS.

Instruction in the basic skills and techniques of various gymnastics events with emphasis on spotting and teaching strategies.

150.70 TENNIS PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly TENNIS INSTRUCTIONAL METHODS. Materials charge optional.

Introduction to the basic strokes and knowledge of tennis. Emphasizes teaching strategies and class management utilized in tennis.

150.80 TRACK AND FIELD PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly TRACK AND FIELD INSTRUCTIONAL METHODS.

Instruction in the basic skills and techniques of various track and field events. Techniques of teaching will be presented.

151.10 BASKETBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly BASKETBALL INSTRUCTIONAL METHODS.

Development of fundamental basketball skills with emphasis on selected teaching progressions, drills, and strategies.

151.20 SOFTBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly SOFTBALL INSTRUCTIONAL METHODS.

Development of fundamental softball skills and strategies. Class organization, teaching progressions, skill analyses, management and instructional skills will be emphasized.

151.30 VOLLEYBALL PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly VOLLEYBALL INSTRUCTIONAL METHODS.

Basic skills and strategies involved in the game of volleyball, and application in game play. A teaching progression is emphasized.

152.20 FLAG FOOTBALL PERFORMANCE AND ANALYSIS 1 F

Maj/min only. Formerly FLAG FOOTBALL INSTRUCTIONAL METHODS.

Development of basic skills and strategies. Selected organizational and instructional procedures appropriate for teaching flag football.

152.30 SOCCER PERFORMANCE AND ANALYSIS 1 S

Maj/min only. Formerly SOCCER INSTRUCTIONAL METHODS.

Basic skills, rules and strategies for game play; safety; selected organizational and instructional procedures appropriate for teaching soccer.

152.50 ADVENTURE EDUCATION PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Not for cr if had KNR 115. Insurance clearance, liability and medical release waivers req.

Development of fundamental challenge education skills and strategies. Emphasis on class safety, organization, teaching progressions, leadership and instructional skills.

153.10 FOLK AND SOCIAL DANCE PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly FOLK AND SOCIAL DANCE INSTRUCTIONAL METHODS.

Fundamental skill concepts of folk and social dance. Class organization, selected teaching methods, and assessment of skills included.

153.20 SQUARE DANCE PERFORMANCE AND ANALYSIS 1 F,S

Maj/min only. Formerly SQUARE DANCE INSTRUCTIONAL METHODS.

Basic fundamental skill concepts of square dance. Class organization, selected techniques of teaching, calling, and assessment of skills included.

154.40 STRESS MANAGEMENT INSTRUCTIONAL METHODS 1 F,S

Maj/min only. Formerly NEUROMUSCULAR RELAXATION INSTRUCTIONAL METHODS.

Study of stress and how it affects the body. Practice of stress management relaxation techniques, and teaching methods for relaxation.

158 INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION 3 F,S

Incl Clin Exp: 20 hr, Type 1-4, 5-1, 6-15.

Introduction to planning and teaching physical education. Includes lesson planning, practice of teaching skills through micro teaching, peer teaching, analysis of teaching.

160 FOUNDATIONS OF HUMAN MOVEMENT 3 F,S

Identification of foundational concepts in physical education, including historical and philosophical orientations, sub-disciplinary movements, career development, and physical education issues.

180 FIRST AID 2 F,S

Certificate may be purchased from ARC.

Accident prevention and action to be taken in cases of accident and sudden illness in the home, school, and community. Students successfully completing this course will have an opportunity to receive certification from National Safety Council. First Aid. Instruction in CPR techniques and opportunities for certification in CPR also provided.

181 HUMAN ANATOMY AND PHYSIOLOGY 3 F,S

Lecture and lab.

Gross structure and physiology of the human body; particular attention to the locomotor system.

182 HUMAN ANATOMY AND PHYSIOLOGY 3 F,S

Emphasis on the nervous, circulatory, respiratory, and digestive systems.

188 INTRODUCTION TO ATHLETIC TRAINING 2 F

KNR 188.01 conc reg req. Materials charge optional. Formerly BANDAGING, TAPING, AND TRAINING ROOM MANAGEMENT.

Introduction to the field of athletic training, including history, professional developments, certification requirements, responsibilities, skills, facilities, and clinical settings.

188.01 CLINICAL PRACTICUM IN ATHLETIC TRAINING 1 F

KNR 188 conc reg req.

Introduction to the actual experience of athletic training by observation and clinical practice.

207 THE COACH IN ORGANIZED SPORTS AND ATHLETICS 2 F,S

KNR 181 req.

An introduction to interschool athletic programs including basic philosophy, governing organizations, administrative duties of coaches and direct coaching responsibilities.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-DKCC/SMT 3 F,S

Inner Core req. MC-IS category req. Also offered as FCS/HSC 208.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 BASEBALL COACHING 2 F,S

KNR 207 or prev experience as a player/youth coach or cons inst req. Soph standing req.

The theory and coaching of baseball essential to the professional preparation of those interested in coaching; history, philosophy, techniques, and fundamentals.

211 BASKETBALL COACHING 2 F,S

KNR 207 or prev exp as a player/youth coach or cons inst req. Soph standing req.

A course for professional preparation of coaches of basketball. Included are history, philosophy, techniques, and tactics of basketball.

- 212 FOOTBALL COACHING** 2 F
KNR 207 or previous experience as a player or youth coach or cons inst req. Soph standing req.

Theory and techniques of basic offensive and defensive football. The history, development of trends, modern innovations are included.

- 213 TRACK AND FIELD COACHING** 2 S
KNR 207 or previous experience as a player or a youth coach or cons inst req. Soph standing req.

Understanding and application of various training methods and coaching techniques in track and field events.

- 215 VOLLEYBALL COACHING** 2 F
KNR 207 or previous experience as a player or youth coach or cons inst req. Soph standing req.

Techniques and methods of coaching volleyball, including teaching techniques, conditioning, strategies, practice situations, and management techniques.

- 221 ELEMENTARY PHYSICAL EDUCATION CURRICULUM** 3 F,S
KNR 158 req, Incl Clin Exp: 4 hrs, Type 1 and 5.

Planning a program of physical education for elementary school children. Progressions within activities, techniques of organization, and methods of teaching. Observations of children and laboratory sessions in activities.

- 222 PHYSICAL EDUCATION FOR ELEMENTARY CLASSROOM TEACHER** 2 F,S
Jr standing req. Not for cr maj. No cr if in El Ed core prog. Incl Clin Exp.

Factors essential to program planning in physical education grades one through six. Types and progression of activities; methods and techniques of class organization. Observations of children and laboratory sessions in activities.

- 225 MOTOR DEVELOPMENT OF CHILDREN** 3 F,S
Incl Clin Exp: 4 hrs Type 1 and 4. All sections of PPST passed.

Motor development related to anatomical growth and sensory development in the child from infancy to puberty. Mechanisms and theories of perceptual motor development, research findings, and implications for physical education.

- 240 PRINCIPLES AND APPLICATIONS OF FITNESS TRAINING** 2 F,S
Maj/min only. KNR 280 or conc reg req. Formerly 280.01, FITNESS TRAINING INSTRUCTIONAL METHODS.

Individualized approach to development of a healthy lifestyle based upon knowledge and understanding of the specific effects of exercise.

- 242 SECONDARY METHODS AND PRACTICES IN PHYSICAL EDUCATION** 3 F,S
KNR 158, 225 req; 221 or conc reg req. Incl Clin Exp: 20 hrs, Type 1-5. Adm to Teacher Ed req. Not for credit if had KNR 241.

Development and administration of secondary physical education programs. Planning and teaching physical education activities at the secondary level.

- 254 SOCIO-PSYCHOLOGICAL PERSPECTIVES IN PHYSICAL ACTIVITY** 3 F,S
Maj/min only or cons inst req.

Survey of cultural, philosophical, social and psychological factors influencing the nature, evolution and maintenance of informal and formal physical activities.

- 255 LIFESTYLE ISSUES FOR PEOPLE WITH DISABILITIES** 3 F
Also offered as PSY/SED 255.

Overview of psychological and cultural issues impacting the independence and quality of life of individuals with disabilities.

- 256 DISABILITY AND LAW** 3 S
Also offered as SED 256.

An analysis of legislation and public policy affecting the lives of individuals with disabilities.

- 257 MOTOR LEARNING AND PERFORMANCE** 3 F,S
Maj/min only or cons inst req.

Study of processes involved in acquiring and perfecting motor skills and effects of aging on acquisition of those skills.

- 280 EXERCISE PHYSIOLOGY** 3 F,S
Maj/min only. KNR 181 and 182 req. KNR 240 conc reg req.

Application of human anatomy and physiology to the understanding of physical education. Effects of exercise on body systems and performance.

- 281 AEROBIC DANCE INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. KNR 240 req.

Introduction to teaching aerobic dance for various populations. Includes course planning, practice teaching experiences and preparation for Aerobic Instructor Certification.

- 282 BIOMECHANICS OF HUMAN MOVEMENT** 3 F,S
KNR 181 or BSC 181 req; PHY 105 or 108 req. Lecture and lab. Formerly KINESIOLOGY. Materials charge optional.

Study of human movement based on principles of anatomy and mechanics of motion

- 283 AQUATIC FITNESS INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. KNR 240 req.

Introduction to teaching aquatic fitness and exercise. Includes course planning and practice teaching experiences and preparation for Aquatic Exercise Instructor Certification.

- 284 PREVENTION AND CARE OF ATHLETIC INJURIES** 3 F,S
KNR 181 or cons inst req. Formerly INTRODUCTION TO ATHLETIC INJURIES.

An introductory course, with emphasis on the prevention and care of athletic injuries.

- 285 RESISTIVE EXERCISE INSTRUCTIONAL METHODS** 1 F,S
Maj/min only. KNR 240 req.

Instructor preparation for creating individualized resistive exercise programs for persons across the age span. Includes personal skill development.

288 THERAPEUTIC MODALITIES 3 F
KNR 181, 182, 188 or cons inst req. Formerly THERAPEUTIC MODALITIES AND REHABILITATION.

An investigation of the theoretical, technological, and physiological basis of therapeutic modalities in athletic training.

295 HONORS SEMINAR 1 F,S
 Introduction to independent Honors study; identification and definition of problems; selected methods for problem solving; use of library resources.

298.10 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION EXPERIENCE IN PHYSICAL EDUCATION, SPORTS AND ATHLETICS 2 F,S
Jr standing; 2 upper-level courses in Physical Education req. May Incl Clin Exp in selected school activities. Materials charge optional.

A Professional Practice experience in community sites for non-teacher certification majors. May include coaching experience in public schools for coaching minors. Periodic seminar meetings.

298.11 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES I 1 F,S
KNR 188, 188.01 and admittance to the Athletic Training Education Program-Clinical Instruction Practicum.

Supervised instruction and practice of clinical skills and competencies for the beginning (Level 1) student athletic trainer.

298.12 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES II 1 F,S
KNR 298.11 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the progressing (Level 2) student athletic trainer.

298.13 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES III 1 F,S
KNR 298.12 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the intermediate (Level 3) student athletic trainer.

298.14 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES IV 1 F,S
KNR 298.13 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 4) student athletic trainer.

298.15 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES V 1 F,S
KNR 298.14 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 5) student athletic trainer.

304 TEACHING OF SPORTS 3 F
 Optimal learning in human movement: content, teacher behavior, situational conditions, analysis of sports, instructional approaches, application and research.

306 PSYCHOLOGY OF SPORT 3 F
KNR 254 or cons inst req.

Psychological principles and concepts applied to sport situations and to individuals involved with sport activities.

307 EXERCISE IN HEALTH AND DISEASE 3 F,S
KNR 280 req.

Application of exercise physiology principles to evaluate the extent to which common disease processes limit body function and exercise performance.

308 EXERCISE PROGRAMMING 3 F,S
KNR 240 and 280 req; 309 conc reg req.

Development of skills and knowledge necessary for designing exercise programs for all populations.

309 PRINCIPLES AND TECHNIQUES OF PHYSIOLOGICAL TESTING 3 F,S
KNR 240 and 280 req; 308 conc reg req. Materials charge optional.

Application of various laboratory exercise testing modalities for evaluating human physiological function.

310 FITNESS MANAGEMENT 2 F,S
Maj/min only. KNR 298.10 or cons inst req.

Theories of organization and principles of management applied to fitness programs in the commercial, community, medical, and worksite settings.

317 SOCIOLOGY OF SPORT 3 S
Also offered as SOC 317.

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups and collective behavior.

320 DEVELOPMENTAL ASPECTS OF YOUTH SPORT 3 F
At least 1 of the following: KNR 254, 306; PSY 112, 301, 302, or cons inst req.

Effects of sport and competitive physical activities on the biophysical and psychosocial development of young people.

334 THERAPEUTIC EXERCISE 3 F
KNR 288, or cons inst req.

Essential components of a comprehensive rehabilitation program including goals, exercise selection, progression, evaluation, and criteria for return to competition.

335 ADMINISTRATION OF ATHLETIC TRAINING 2 S
KNR 188, 284, or cons inst req.

Theory and application in athletic training programs including pre-participation physical examinations, budget management, medical records, and legal aspects of sports medicine.

341 ASSESSMENT IN PHYSICAL EDUCATION 3 F,S
KNR 158, 221, 225; 242 or conc reg req. Not for cr if had HPR 241.

Planning and implementation of appropriate assessment strategies in physical fitness, motor skills, cognitive achievement, and the affective areas in K-12 physical education.

342 OCCUPATIONAL BIOMECHANICS 3 F

KNR 181; HSC 271; PHY 108 req. MAT 120 or 145 or cons inst req. Materials charge optional.

Application of biomechanical principles to the solution of problems related to the interaction of the worker with the workplace.

345 ADVANCED FUNCTIONAL ANATOMY 3 S

KNR 181, 182; Jr standing req or cons inst req.

This course synthesizes anatomy, physiology, and human movement as it relates to sports injury.

352 QUANTITATIVE ANALYSIS OF BIOMECHANICS 3 F

KNR 282 or cons inst req. Formerly BIOMECHANICS OF HUMAN MOVEMENT. Materials charge optional.

Amplification of kinematics and kinetics of human movements; introduction to high-speed videography, biomechanics instrumentation and computer analysis.

353 BASIC ELECTROCARDIOGRAPHY AND CLINICAL EXERCISE TESTING 3 F

KNR 181, 182, 280, or cons inst req. Formerly BASIC ELECTROCARDIOGRAPHY.

Theory and application of electrocardiographic analysis in the functional and diagnostic assessment of individuals.

358 DIRECTED PRACTICUM IN ELEMENTARY PHYSICAL EDUCATION 3 F,S

KNR 158, 221, 225, 242; 341 or conc reg req. Adm to Teacher Ed req. Taken the sem prior to student teaching. Students must have 2 consecutive hrs between 8 a.m. and noon and 1 p.m. and 3 p.m. (e.g., 9-11) free daily, during one half of the sem. Incl Clin Exp: 40 hrs, Type 1-5. Formerly HPR 258, DIRECTED EXPERIENCES IN PHYSICAL EDUCATION.

Arranged Clinical Experience assignment that includes observation, participation, and teaching in elementary physical education.

378.10 SEMINAR IN PROFESSIONAL PRACTICE 2 F,S

KNR 298.10 or 298.30 req. Sr standing req.

Orientation to the expectations and problems encountered in Senior professional practice in physical education, sports, and athletics. Formal application and placement of professional practice students.

383 ADAPTED PHYSICAL EDUCATION 3 F,S

KNR 181 or BSC 181 req. Incl Clin Exp. 15 hrs, Type 4.

Handicapping conditions and methods, materials, and activities for adapted physical education programs in pre-school, elementary, secondary, and self-contained schools.

384 SEMINAR IN SPORTS MEDICINE 3 S

KNR 298.15 or cons inst req.

Synthesizes program content and prepares the student for the athletic training program outcomes including NATABOC Certification and initial employment.

387 EVALUATION OF ATHLETIC INJURIES: LOWER EXTREMITIES 3 S

KNR 181, 284, or cons inst req. Formerly ADVANCED ATHLETIC INJURIES.

The advanced study of lower extremity injuries, with emphasis on evaluation.

388 EVALUATION OF ATHLETIC INJURIES: UPPER EXTREMITIES 3 F

KNR 188, 284, or cons inst req.

Study and practice of evaluation and management of upper extremity injuries in sports.

391 CREATING POSITIVE LEARNING ENVIRONMENTS IN PHYSICAL EDUCATION 1 F,S

STT 399.74 and/or 399.75 conc reg or cons inst req.

Strategies for developing and implementing effective behavior management plans in physical education programs based on sound education practices.

398.10 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE IN PHYSICAL EDUCATION GENERAL STUDIES 1-14 F,S,Summer

KNR 298.10 or 298.30, 378.10; Sr standing req. Materials charge optional.

Jointly planned and supervised internship/cooperative education experience under the guidance of professionally qualified personnel from business, industry, government, and other University faculty supervisor.

398.11 PROFESSIONAL PRACTICE: INTERNSHIP IN EXERCISE SCIENCE & FITNESS 1-14 F,S,Summer

KNR 298.10 or 298.30; 378.10; Sr standing req.

Jointly planned and supervised internship cooperative education experience in Exercise Science and Fitness under the guidance of professionally qualified personnel from business, industry, government, and University faculty supervisors.

398.12 PROFESSIONAL PRACTICE: INTERNSHIP IN ATHLETIC TRAINING 1-14 F,S,Summer

KNR 298.11, 298.12, 298.13, 298.14, 298.15 or cons inst req; and 378.10. Sr standing req.

Internship experience in Athletic Training under the guidance of NATA/ATC professionally qualified personnel in sports medicine clinics and related agencies.

Recreation and Park Administration Courses

170 INTRODUCTION TO LEISURE AND RECREATION 3 F,S

KNR 170.01 conc reg req.

Nature, scope, and significance of recreation and leisure. Introduction to the professional areas of recreation and leisure delivery systems.

170.01 LABORATORY AND FIELD EXPERIENCE IN RECREATION 1 F,S

KNR 170 conc reg req. May be repeated; max 2 hours.

Enhances understanding of leisure service delivery through direct exposure to a large variety of settings, clientele, and professionals.

171 RECREATION LEADERSHIP 3 F,S

KNR 170 and 170.01 or conc reg req. KNR 198.30 conc reg req.

Leadership skills in recreation, conducting and developing activities; utilizing group facilitation techniques.

175 LEISURE IN SOCIETY 3 F,S
Introduction of leisure in historical and contemporary perspectives. Relationships between leisure and other societal institutions. Determinants of leisure behavior.

**198.30 PROFESSIONAL PRACTICE
RECREATION LEADERSHIP** 1 F,S
KNR 170 and 170.01 or conc reg req. KNR 171 conc reg req. Materials charge optional.

Application of recreation leadership knowledge and skills in practical situations within a leisure service delivery system.

**270 RECREATION FOR PEOPLE
WITH DISABILITIES** 4 F,S
KNR 170, 170.01, 171, and 198.30 or cons inst req. Formerly 370. Lecture and lab. Materials charge optional.

Leadership, assistive techniques/devices and disability issues related to recreation programming for individuals with mental, physical, social and emotional limitations.

271 RECREATION PROGRAMMING 3 F,S
Maj in Rec; Min in Rec or Tourism and either KNR 170 or GEO 130 req.

Comprehensive recreation program design including planning, organizing, promoting, and evaluating programs in a variety of leisure service delivery systems.

**273 INTRODUCTION TO THERAPEUTIC
RECREATION** 3 F
HSC 105; KNR 181 or 182 req. KNR 271 or cons inst req.

Foundation concepts of therapeutic recreation including history, social issues, professional issues, and basic program design.

**275 PLANNING AND DESIGN OF
RECREATION FACILITIES** 3 F,S
KNR 271 req.

Techniques and principles of site planning, design, and development of facilities in parks and recreation settings.

276 COMMUNITY RECREATION 3 F
KNR 271 req. COM 110, ECO 105 rec. Materials charge optional.

Overview and investigation of the practices, strategies, and analysis of community-based leisure service delivery systems.

**277 COMMERCIAL RECREATION
AND TOURISM** 3 F
KNR 271 req. ACC 131; ECO 105 rec.

Study of development, management, and future of profit-motive recreational agencies emphasizing employment possibilities.

**278 THERAPEUTIC RECREATION
SERVICE DELIVERY** 3 F
KNR 271 and 273 req or cons inst req.

Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Focus on accountability and evaluation.

**279 THERAPEUTIC RECREATION
CLIENT DOCUMENTATION** 3 S
KNR 278 or cons inst req. Formerly PRINCIPLES OF THERAPEUTIC RECREATION.

Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs.

295 HONORS SEMINAR 1 F,S
Advanced readings and critical discussion of recreation with broad areas of concern in social, philosophical, and scientific bases.

**298.30 PROFESSIONAL PRACTICE: INTERNSHIP
AND COOPERATIVE EDUCATION
IN RECREATION AND PARK
ADMINISTRATION** 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. Materials charge optional.

Application of knowledge and skills in recreation programming to practical situations within a leisure service delivery system.

**298.31 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN COMMERCIAL
RECREATION** 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within commercial, tourism, or travel recreation delivery systems.

**298.32 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN THERAPEUTIC
RECREATION** 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within a therapeutic recreation service delivery system.

**298.33 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN
PROGRAM MANAGEMENT** 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations within a public or non-profit recreation delivery system.

**298.35 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN CAMPING AND
OUTDOOR LEADERSHIP** 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.

Application of knowledge and skills in recreation programming to practical situations in camping and outdoor leadership environments.

371 OUTDOOR RECREATION 3 S*KNR 271 req.*

Overview of outdoor recreation concepts and management principles.

373 LEISURE EDUCATION AND FACILITATION TECHNIQUES 3 S*KNR 273 or cons inst req. Lecture and lab.*

Advanced study of leisure education models and concepts; application and understanding of facilitation techniques in therapeutic recreation services.

374 ADVANCED RECREATION PROGRAMMING 3 S*KNR 298.30; 273, 276 or 277 or cons inst req. ACS 150 or 155.01 rec. Fieldwork req.*

Application of recreation programming principles to a field setting which includes assessment, planning, organizing, implementing and evaluation functions.

375 ADMINISTRATION OF RECREATION AND PARKS 3 F,S*KNR 271 or cons inst req; 298.30 rec. Formerly RECREATION AND PARK ADMINISTRATION.*

Administrative/management functions in the operation of organized recreation and leisure delivery systems.

376 EVALUATING AGENCY SERVICES 3 F,S*KNR 271 or cons inst req. Materials charge optional.*

Use and methods of evaluation, including conceptualization, implementation and report preparation, with application to leisure service delivery systems.

377 PRACTICES AND ISSUES IN COMMERCIAL RECREATION AND TOURISM 3 S*KNR 277 or cons inst req. Materials charge optional.*

Analysis of selected practices, issues, and current trends confronting commercial recreation business enterprises.

378.30 PROFESSIONAL ISSUES IN RECREATION AND PARK ADMINISTRATION 3 F,S*Constitution Examination req. University Writing Examination req. KNR 298.30. Sr standing req.*

In-depth analysis of selected trends, issues, problems confronting leisure service and recreation practitioners in contemporary settings, and professional practice selection.

381 SPECIAL STUDIES IN RECREATION, TOURISM, AND SPORT 1-3 F,S*Cons inst req. May be repeated; max 6 hrs. Formerly SPECIAL STUDIES IN RECREATION AND TOURISM.*

Special work in research interests of students and faculty. Projects must be approved by the instructor.

398.30 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION 1-12 F,S,Summer*KNR 378.30 req.*

Supervised in-service practice under the guidance of professionally qualified personnel in leisure service agencies and University faculty.

MILITARY SCIENCE DEPARTMENT (MSC)**516**

ROTC Building, 211 North University, (309) 438-5408

Email address: gekayse@ilstu.edu

Chairperson: LTC Nick Lilak

General Department Information**Military Science Program**

ROTC is designed to be completed concurrently with the student's academic degree. Students can complete the first two years of ROTC with absolutely no military service obligation. Veterans, National Guardsmen, Army Reservists, and students who complete a four week leadership course at Fort Knox, Kentucky receive constructive credit for the first two years of ROTC, and can complete the ROTC program in as few as two school years.

Freshman through senior ROTC courses are offered every semester. These academic courses progress from introducing the student to the Army's mission and organization, studying leadership principles and traits, to teaching students the duties and responsibilities required of officers in the twenty-first century. Each class has a leadership laboratory that meets once a week. At lab, freshmen through senior students train on basic military skills and get the opportunity to perfect leadership skills through hands-on application. Some of the skills learned during lab include rappelling, water survival training, rifle marksmanship, first aid and CPR, map reading and land navigation, and basic tactics.

In addition to regular on-campus training and activities, ROTC offers exciting and challenging weekend field trips during the school year. Trips include a staff ride to the 1st Infantry Division Museum at Cantigny, an orientation visit to Fort Knox, Kentucky, and trips to local national guard training areas to practice marksmanship, land navigation, and tactical skills.

FINANCIAL AID

Military Science students can receive outstanding financial aid through Federal and State Army ROTC scholarships.

Federal ROTC scholarships are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship can pay up to the full tuition and fees each semester, provides a book allowance of \$500 a year, and a tax free monthly living allowance of \$250 for freshmen to \$400 for seniors, depending on scholarship status.

State ROTC tuition waivers are awarded by the Professor of Military Science at Illinois State University. The Redbird Battalion awards forty of these scholarships each semester to students in the ROTC program. A student who receives a State ROTC tuition waiver may use its benefits for up to eight semesters.

EXTRACURRICULAR ACTIVITIES

Several clubs complement the ROTC academic curriculum, and help students enjoy their college experience more.

Ranger Club trains intensively on military skills such as land navigation, patrolling, and rappelling. They sponsor the annual Ranger Challenge competition in which a group of nine cadets are tested on individual and team military skills. The Illinois State University Ranger Challenge team competes with nineteen other university ROTC Ranger Challenge teams at Fort Leonard Wood, Missouri every October.

Rifle Club fires .22 caliber match rifles weekly at an indoor rifle range. They also participate in marksmanship competitions with other university ROTC programs during the school year.

The Redbird Honor Guard presents the national colors at home football and basketball games, as well as other local community events.

Association of the U.S. Army Club is the ROTC Social Club. The club allows cadets the chance to get together in an informal social atmosphere to discuss current leadership issues. The club also plans and executes community service projects such as Blood Drives, Habitat for Humanity, food and clothing drives, and leadership training for Boy Scouts and Girl Scouts.

CAREER OPPORTUNITIES

Students who complete the ROTC program receive a commission as a second lieutenant in the Army after graduation. The student has the option of serving in the National Guard or Army Reserve as a part time career, or on active duty in the Regular Army as a full time profession. ROTC graduates can also receive a minor in Military Science by applying through the Military Science Department.

Lieutenants in the Army lead people, while managing equipment, vehicle fleets, and financial resources. New lieutenants are routinely put in charge of and lead groups of up to fifty people immediately after graduation from college.

Officer career specialties in the Army are as diverse as those found in the civilian sector. Some of the sixteen specialties students can request as an Army officer include: Engineering, Personnel Management, Nursing, Signal Corps, Finance, Transportation, Medical Service Corps, Military Police, and Aviation. Except for the health professions, an officer's specialty in the Army does not have to be related to his or her academic degree in college.

New lieutenants who go into the Regular Army serve on active duty for three or four years, and may then transfer into the reserves. Lieutenants commissioned in the National Guard or Army Reserve serve their entire tour in the Reserves.

MINOR IN MILITARY SCIENCE

Admission into the Military Science Minor program is by permission of the Department Chairperson follow-

ing a special interview concerning eligibility and entry requirements. Interested students should make arrangement for an interview as early as possible but not later than the second semester of their sophomore year.

- 34 hours required.
- Prerequisites (4 hours): MSC 111 and 112; or satisfactory completion of Army Reserve Officers' Training Corps (ROTC) Leadership Training Course (may be taken for credit as MSC 203); or proficiency as approved by the Military Science Department Chairperson.
- Required courses (11 hrs): MSC 220, 221, 240, 241.
- History (3 hrs): HIS 278 or 279.
- Written Communications (3 hrs): ENG 145, 247 or 249.
- Human Behavior (3 hrs): PSY 111, 112, 131; SOC 106 or 131.
- Computer Literacy (3 hrs): ACS 140, 150, or 155.
- Math Reasoning (3 hrs): MAT 105, 120, or 121.
- Physical Education (4 hrs): KNR 146.

Military Science Courses

101 INTRODUCTION TO LEADERSHIP:

INDIVIDUAL EFFECTIVENESS 1 F

Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions.

102 INTRODUCTION TO LEADERSHIP:

TEAMWORK 1 S

Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions.

111 APPLIED LEADERSHIP II 2 S

Examines leadership within military organizations and structure. Introduces map reading fundamentals and application of land navigation principles using the lensatic compass and terrain association. Provides opportunities to exercise leadership skills to meet established goals and objectives within specific time constraints.

112 APPLIED LEADERSHIP 2 F

Formerly AMERICAN LEADERSHIP TRADITION AND CHANGE.

Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context.

200 LEADERSHIP LABORATORY 0 F,S

Reg in AROTC Advanced Course req.

Provides development by practical application of the student's leadership skills through progressive training, planning, execution, and assessment.

**203 ROTC LEADERSHIP
TRAINING COURSE****6 Summer***Cons inst req. Formerly ROTC BASIC CAMP. CR/NC only.*

Provides instruction and practical application on basic military concepts of map reading, tactics, small group operations, weapons, and adventure training. Training is presented off campus at Fort Knox, Kentucky. Provides constructive credit for first two years of ROTC.

**220 ADVANCED LEADERSHIP
AND TACTICS I****3 F***Cons inst req.*

Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems.

**221 ADVANCED LEADERSHIP
AND TACTICS II****3 S***Reg in AROTC and MSC 220 or cons inst req.*

Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation.

**240 ADVANCED APPLIED
LEADERSHIP I****3 F***Reg in AROTC Advanced Course or cons inst req.*

Fundamental concepts of military justice; principles of court-martial and non-judicial punishment; staff principles and procedures in the Army organizational structure. Part I of a two-semester capstone experience prior to commissioning.

**241 ADVANCED APPLIED
LEADERSHIP II****2 S***Reg in AROTC Advanced Course or cons inst req.*

Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership.

**242 ROTC NATIONAL ADVANCED
LEADERSHIP CAMP****6 Summer***Reg in a ROTC Advanced Course req. Formerly ROTC ADVANCED CAMP. CR/NC only.*

Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop-leading. Training is presented off campus near Seattle, Washington.

TECHNOLOGY (TEC) 510**210 Turner Hall, (309) 438-3661****Web address:** www.cast.ilstu.edu/tec/**Chairperson:** Rodney L. Custer
Tenured/Tenure-track Faculty:*Distinguished Professor:* Loepf.*Professors:* Boser, Brauchle, Campbell, Custer, Daugherty, Gokhale, Lockwood, Meier, Stier.*Associate Professors:* Dan Brown, Ryan Brown.*Assistant Professors:* Comerford, Duvel, Merrill, Reifschneider, Schmidt.**General Department Information**

The Department of Technology features programs focused on the creative, systematic application of knowledge utilizing human and natural resources involving tools, equipment, techniques, processes, procedures, scientific principles, and management skills to produce and distribute goods, services and information to cope with change or to control environmental conditions and their effect on society and culture.

Technology students are required to select one of the following technology programs: B.S. in Industrial Technology, B.S. in Technology Education. Students selecting the B.S. in Industrial Technology are required to select one of the following sequences: General Technology, Construction Management, Industrial Computer Systems, Integrated Manufacturing Systems, or Printing Management and Imaging Technologies.

HONORS IN TECHNOLOGY

The Department offers honors work in the different departmental programs to majors who have completed 60 semester hours with a cumulative 3.5 GPA. Students interested in the program should see the departmental honors advisor. Requirements for honors in the Technology Honors Program are available in the departmental office, 210 Turner Hall.

Honor students who are majoring in Industrial Technology may enroll in sections of courses labeled "Majors Only." General students and all other majors should select sections of courses that are not designated for majors only.

Technology Programs

Degree Offered: B.S.

MAJOR IN INDUSTRIAL TECHNOLOGY**General Technology Sequence:**

The General Technology Sequence is a management-oriented technical curriculum related to the processes, products, and problems of industry that draws much of its content from construction management, industrial computer systems, integrated manufacturing systems, and/or printing management and imaging technologies. Students are required to complete a second major, a minor, or an approved articulated Associate in Applied Science Degree in order to increase their breadth and employability. The sequence and second major, minor or approved articulated Associate in Applied Science Degree selected depend on the goals of the students. (Examples that complement Industrial Technology include a minor in Business Administration or Applied Computer Science, or an approved articulated Associate in Applied Science Degree in a field such as automotive technology.)

— 54-57 hours required.

— 17 hours in General Education: MQM 100; PSY/SOC 131*; CHE 102*; MAT 120*; PHY 105*.

— 13 hours in Industrial Technology core: TEC 100, 270* (Formerly IT 311), 313, 330* (or 326 for CM); ACS 155.02.

- The following courses from 1 of these 4 sequences: **Construction Management Sequence (26 hours):** TEC 116, 120, 123, 222, 224, 226, 229, and 394; HSC 272; **Industrial Computer Systems Sequence (27 hours):** TEC 143, 151, 243, 283, 284, 319, 383, and 390; HSC 271; **Integrated Manufacturing Sequence (24 hours):** TEC 111, 116, 130, 263, 292, and 392; TEC 233 or 285; HSC 271; **Printing Management and Imaging Technologies Sequence (27 hours):** TEC 150, 250, 253, 257, 350, 351, 353, and 356; HSC 271.
- A transfer student with industrially-oriented courses in areas such as automation, automotive, electronics, or robotics may have up to 12 hours of technical courses approved by departmental evaluation.
- Students must complete a minor or another major or an approved articulated Associate in Applied Science degree.

Construction Management Sequence:

Construction Management is an interdisciplinary curriculum that provides a background in construction management, administration, and technology; architectural and engineering principles, business; and applied science and mathematics. The goal of the sequence is to prepare construction professionals capable of managing projects to completion from plans prepared by design professionals. Course work emphasizes the allocation and coordination of labor, equipment, and material in order to achieve completion of projects safely and at maximum efficiency of time and cost. The program focus is on production rather than design, and management capabilities rather than craft skills. Graduates are prepared to assume leadership positions in residential and commercial construction. Initial employment positions may include: field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as construction finance, building code enforcement, insurance, product sales, quality control, and safety management.

- 88 hours required.
- 17 hours in General Education: MQM 100; PSY/SOC 131*; CHE 102*; MAT 120*; PHY 105*.
- 13 hours in Industrial Technology core: TEC 100, 270* (Formerly IT 311), 313; ACS 155.02; HSC 272.
- 42 hours of required sequence courses: TEC 116, 120, 121, 123, 222, 223, 224, 226, 229, 292, 322, 325, 326, 327, and 394.
- 3 hours of sequence elective courses selected from the following: TEC 211, 225, 328, 398.
- 10 hours from the College of Business and Department of Economics including: ACC 131; ECO 105; and FIL 208.
- 3 hours of sequence management electives from the following: FIL 260; MKT 230; TEC 320.

Industrial Computer Systems Sequence:

Industrial Computer Systems is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal of the sequence is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of comput-

er systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to industrial computer systems.

- 69 hours required.
- 17 hours in General Education: MQM100; PSY/SOC 131*; CHE 102*; MAT 120*; PHY 105*.
- 16 hours in Industrial Technology core: TEC 100, 270* (Formerly IT 311), 313, 330*; ACS 155.02; HSC 271.
- 27 hours of required sequence courses: TEC 116, 143, 151, 243, 283, 284, 319, 383, and 390.
- 9 hours of additional courses selected from the following: ACS 165, 168, 254; TEC 211, 216, 240, 244, 250, 317, 318, 320, 345, 352, 398 (3 hrs).

Integrated Manufacturing Systems Sequence:

Integrated Manufacturing Systems is an interdisciplinary curriculum that provides experiences in the following areas: Product Design, Process and Production Control, or Industrial Plastics. The goal of the sequence is to prepare professionals capable of managing projects and processes in industrial settings. Course work emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: project management, process control, production management, product design, quality control support, and technical sales.

- 78 hours required.
- 17 hours in General Education: MQM 100; PSY/SOC 131*; CHE 102*; MAT 120*; PHY 105*.
- 16 hours in Industrial Technology core: TEC 100, 270* (Formerly IT 311), 313, 330*; ACS 155.02; HSC 271.
- 30 hours of required sequence courses: TEC 111, 116, 130, 216, 233, 240, 263, 285, 292, and 392.
- 12 hours minimum of sequence elective courses selected from one of the following concentrations: **Plastics Technology, Production and Process Control, or Product Design.** Students should see the department advisor for specific course recommendations: TEC 212, 234, 244, 315, 317, 318, 345, 384, 387, and 388.
- 3 hours of department electives from the following: TEC 320 or 398.

Printing Management and Imaging Technologies Sequence:

Printing Management and Imaging Technologies is a management-oriented technical curriculum related to the processes, products and opportunities within the diverse printing, publishing and packaging industries. Students will practice systematic and creative applications of knowledge, human and natural resources, tools and equipment, and techniques related to the production management of printed and electronic images. The goal of the sequence is to prepare professionals to enter the field in positions including mid-managers, quality control specialists, technical sales, estimators, customer service representatives, and production operations managers.

- 72 hours required.
- 17 hours in General Education: MQM 100; PSY/SOC 131*; CHE 102*; MAT 120*; PHY 105*.

- 16 hours in Industrial Technology core: TEC 100, 270* (Formerly IT 311), 313, 330; ACS 155.02; HSC 271.
- 33 hours of required sequence courses: TEC 116, 150, 250, 253, 257, 350, 351, 352, 353, 354, and 356.
- 6 hours of sequence elective courses selected from the following: TEC 151, 243, 283, 320, 383, 398 (3 hrs); FIL 208.

MINOR IN INDUSTRIAL TECHNOLOGY

- 21 hours required through advisement.
- 6 of 21 hours required must be upper level coursework.
- No more than 9 hours from the major program of study may be applied to the minor.

Department Core:

- TEC 270* (formerly IT 311), 313, 330*; ACS 155.02; HSC 271 or 272.

Construction Management:

- TEC 116, 120, 121, 123, 211, 222, 223, 224, 225, 226, 229, 292, 320, 322, 325, 326, 327, 328, 394.

Industrial Computer Systems:

- TEC 143, 151, 243, 283, 284, 319, 320, 383, 390.

Integrated Manufacturing Systems:

- TEC 111, 116, 130, 212, 216, 233, 234, 240, 244, 263, 285, 292, 315, 317, 318, 320, 345, 384, 387, 388, 392.

Printing Management and Imaging Technologies:

- TEC 150, 250, 253, 257, 320, 350, 351, 352, 353, 354, 356.

DOUBLE MAJOR

Degree Offered: B.S.

NOTE: Only core courses and acceptable substitutions (ACS 155.02; CHE 102*; HSC 271; TEC 100, 270* [Formerly IT 311], 313 and 330*; MAT 120*; MQM 100; PHY 105*; PSY/SOC 131*) may be used to meet the requirements for a double major in Industrial Technology.

*Allowable substitutions for required courses:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
- Acceptable substitution for MAT 120 is MAT 144 or 145.
- Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.
- Acceptable substitution for PSY/SOC 131 is PSY 110 or PSY 111.

MAJOR IN TECHNOLOGY EDUCATION

Technology Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation; (2) the development of cognitive, psychomotor, and affective skills in these four areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the profession-

al competencies of planning, executing and evaluating instruction. The following requirements are part of the entitlement program leading to certification; Secondary 6-12. Initial employment opportunities include: Junior High/Middle School Technology Teacher (middle school endorsement also requires PSY 302 and C&I 233), High School Technology Teacher, Vocational/Trade School Teacher, School District Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor. A cumulative and major GPA of 2.5 is required for student teaching and graduation.

- 27 semester hours of required technical core courses: TEC 101, 111, 116, 120, 130 or 131, 150, 201, 275 and ACS 155.02.
- 20 semester hours of additional Industrial Technology sequence courses with at least 9 hours beyond the required courses, in at least 1 of the following State Endorsement Areas: Construction, Drafting/Design, Electronics, Graphics, Industrial Technology, Manufacturing, Transportation.
- 30 semester hours Professional Education courses that include: PSY 215, EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement), C&I 214, C&I 215, C&I 216, TEC 203, STT 399.33. Successful completion of 100 clinical hours required before student teaching.

MINOR IN TECHNOLOGY EDUCATION

- 24-25 semester hours of required.
- 15-16 semester hours of required technical core courses: TEC 101 or 203 or 301, 111, 116, or 150, 130 or 131, 201. In order to teach, students completing a minor in technology education must complete a sequence of professional education coursework and student teaching in another teacher certification endorsement area.
- 9 semester hours of major specialization courses from one (1) of the following groups:

Construction:

- TEC 120, 222, 224, 226.

Drafting and Design:

- TEC 116, 211, 212, 213, 216, 315, 317, 318.

Electronics:

- TEC 143, 151, 240, 243, 244, 263, 283, 284, 345.

Graphics:

- TEC 150, 250, 253, 257, 350, 353.

Manufacturing:

- TEC 130, 131, 216, 233, 240, 263, 285, 292, 392.

Transportation:

- Courses must transfer from an accredited institution.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Technology Courses

100 INTRODUCTION TO INDUSTRIAL TECHNOLOGY 1 F,S

Materials charge optional. Lecture.

Study of Industrial Technology, programs in the department, and career opportunities in Technology Education and Industrial Technology.

101 INTRODUCTION TO TEACHING TECHNOLOGY 3 F,S

Incl Clin Exp. Formerly INTRODUCTION TO TEACHING IN INDUSTRIAL EDUCATION. Lecture.

Methodological insights and understanding for teaching technical subject matter; emphasis on observing programs, developing, conveying and evaluating technology-based curricula.

110 INTRODUCTION TO MICROCAD 1 F,S

Not for cr maj/min. Materials charge optional. Lecture and lab.

Computer-assisted drawing using microCAD software to introduce basic command usage and procedures for graphic representation and drawing creation.

111 FUNDAMENTALS OF POWER TECHNOLOGY 3 F,S

PHY 105 or conc reg req. Lecture and lab. Formerly FOUNDATIONS OF INDUSTRIAL TECHNOLOGY.

Principles of electrical, electronic, mechanical, and fluid power components and systems as they apply to industrial applications.

116 TECHNICAL DRAWING 3 F,S

Lecture and lab. Materials charge optional.

Studies in graphical representation of technical ideas according to industry standards; emphasis on sketching, computer-aided drafting, and blueprint reading.

120 INTRODUCTION TO BUILDING CONSTRUCTION 3 F,S

Formerly CONSTRUCTION PROCESSES AND MATERIALS. Materials charge optional. Lecture.

Introduction to the principles, practices, and materials used in residential and light-commercial construction.

121 CONSTRUCTION METHODS 2 F,S

Lecture and lab. Materials charge optional.

Applications of the principles, practices, and materials used in residential and light-commercial construction.

123 CONSTRUCTION DOCUMENTS AND QUANTITY TAKEOFF 3 F,S

TEC 120 or conc reg req. Lecture and lab.

Introduction to blueprint reading, construction specifications, and quantity takeoff procedures.

130 INTRODUCTION TO MANUFACTURING PROCESSES 3 F,S

Materials charge optional. Lecture and lab.

Secondary material processes including industrial machinery usage and study in the areas of forming, casting, separating, joining, and conditioning.

131 INTRODUCTION TO PRODUCT DESIGN AND MANUFACTURING 2 F,S

Lecture and lab. Materials charge optional. Formerly INTRODUCTION TO MANUFACTURING MANAGEMENT

Introduction to product design, engineering design, and manufacturing with an emphasis on the history, impacts, techniques and future of design.

143 INTRODUCTION TO ELECTRONICS FOR DATA COMMUNICATION 3 F,S

MAT 120 or 145 req. Lecture and lab. Materials charge optional. Formerly INTRODUCTION TO ELECTRONICS DATA COMMUNICATIONS.

Overview of the fundamentals, concepts, and theory of basic electronics essential to telecommunications systems.

150 FUNDAMENTALS OF PRINTING AND IMAGING TECHNOLOGIES 3 F,S

Lecture and lab. Formerly FUNDAMENTALS OF PRINTING TECHNOLOGY. Materials charge optional.

Introduction to the vocabulary, tools, materials, and processes of graphic production utilized in the printing, publishing, and packaging industries.

151 INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS 3 F,S

Lecture and lab. Formerly INTRODUCTION TO INDUSTRIAL COMPUTER APPLICATIONS. Materials charge optional.

Study and use of basic methods, materials, software and equipment used in industrial computer applications for imaging, graphics, and communications.

175 LIVING IN A TECHNOLOGICAL WORLD MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as SOC 175. May not be taken under the CT/NC option. Lecture.

Interdisciplinary course that analyzes social change through the lens of technology.

201 TEACHING TRANSPORTATION**TECHNOLOGY 3 S***TEC 101 or demonstrated equiv competencies req. TEC 111 and 116 or conc reg req. Lecture and lab.*

Instruction and practice developing and teaching transportation technology curricula, understanding teacher roles, acquiring transportation background knowledge, and teaching strategies.

203 COMPETENCIES FOR TEACHING 4 S*CR/NC only. TEC 101 and 275 req. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp. Conc reg in Student Teaching and Adm to Teacher Ed req. Lecture.*

Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers.

211 ARCHITECTURAL DRAFTING 3 F,S*TEC 110 or 116 req. Lecture and lab. Materials charge optional.*

Problem approach to architecture; emphasis on residential planning and construction. Laboratory devoted to development of working drawings.

212 MECHANISM DESIGN 3 F*TEC 116 req. Materials charge optional. Formerly MACHINE DESIGN. Lecture and lab.*

Applied kinematic design analysis and techniques common to the design of mechanisms using analytical and graphical methods.

216 COMPUTER-AIDED DESIGN AND DRAFTING 3 F,S*TEC 116 req. Lecture and lab. Materials charge optional.*

Intermediate course focusing on CAD, especially management principles, design dimensioning and tolerancing, and solid modeling within an industrial CAD environment.

222 MECHANICAL AND ELECTRICAL SYSTEMS FOR BUILDINGS 3 F,S*TEC 120; MAT 120 or 144 or 145; and PHY 105 req. Formerly MECHANICAL SYSTEMS FOR BUILDING. Materials charge optional. Lecture and lab.*

Introduction to design, operation, and installation of heating, ventilation, air conditioning, plumbing, fire protection, and electrical systems.

223 SURVEYING AND BUILDING LAYOUT 3 F,S*TEC 120 and 121 or conc reg req. MAT 120 or 144 or 145 req. Lecture and lab.*

Principles and practices of surveying, building layout, and project control.

224 SOILS AND FOUNDATIONS 3 F,S*TEC 120, 121; MAT 120 or 144 or 145; PHY 105 req. Formerly CONCRETE STRUCTURES AND FOUNDATIONS. Lecture and lab.*

Principles and practices used in concrete and masonry structures and the affect of soil characteristics on foundation design and construction.

225 CONSTRUCTION EQUIPMENT MANAGEMENT 3 S*TEC 120 req; TEC 121 req or conc reg req. Lecture and lab.*

Equipment productivity, selection, allocation, economics, and safety related to residential and commercial construction.

226 CONSTRUCTION CONTRACTS AND LAW 2 S*TEC 120 req. Lecture.*

Duties, rights, and liabilities of all parties to a construction contract.

229 COST ESTIMATING AND PROJECT PLANNING 3 F,S*TEC 116 and 123 req. Lecture and lab.*

Integrated approach to the fundamentals of construction cost estimating, project planning, and scheduling.

233 METALS MACHINING PROCESSES 3 F*TEC 111 and 116 or conc reg req. TEC 130 req; Lecture and lab. Materials charge optional. Formerly MACHINE TOOL TECHNOLOGY.*

The study of metals machining processes with a focus on chip generation processes.

234 COMPUTER CONTROLLED EQUIPMENT IN MANUFACTURING 3 S*TEC 233 req. Lecture and lab. Materials charge optional. Formerly COMPUTER NUMERICAL CONTROL IN MANUFACTURING.*

Computer controlled equipment in manufacturing: computer numerical control programming, coordinate measuring machines, computer aided manufacturing programming concepts, and robotics.

240 ELECTRIC CIRCUITS AND MACHINES 3 F,S*TEC 116 and either TEC 111 or TEC 143 or conc reg req. Lecture and lab. Materials charge optional. Formerly AC/DC CIRCUIT ANALYSIS.*

Electrical principles and applications including circuit diagrams, switches, relays, motors, and transformers.

243 COMPUTER NETWORKING SYSTEMS 3 F,S*ACS 155.01 or 155.02 or 160 or BTE 225 req. Lecture and lab. Materials charge optional.*

Implementation of the principles of local area network architecture, including server and client hardware specifications and configurations.

244 DIGITAL ELECTRONICS 3 F*Demonstrated equiv competencies req. Lecture and lab. Materials charge optional.*

Operation, characteristics, and applications of discrete and integrated solid state devices in selected digital circuits.

250 ELECTRONIC IMAGING TECHNOLOGIES 3 S*Lecture and lab. Formerly THE GRAPHIC ARTS PROCESSES. Materials charge optional.*

Instruction and practice in current methods of page layout, image editing/processing, and graphic illustration for prepress production.

253 PHOTOMECHANICAL AND DIGITAL IMAGING SYSTEMS 3 F*TEC 150 req. Lecture and lab. Formerly PHOTOMECHANICAL PROCESSES. Materials charge optional.*

Methods and techniques of black and white imaging including halftones, tone reproduction and manipulation, densitometry, scanning and digital photography.

- 257 IMAGE TRANSFER TECHNOLOGIES** 3 S
TEC 150 req. Lecture, labs and field trips. Materials charge optional.

Theory and practice in placing analog and digital images on substrates; investigation into management issues related to producing printed materials.

- 263 FLUID POWER MECHANICS** 3 F,S
TEC 111 and 116 or conc reg req. Lecture and lab. Materials charge optional.

Operating principles and applications of hydraulic and pneumatic components, power systems, and control systems.

- 270 MANAGING TECHNOLOGICAL SYSTEMS** 3 F,S,Su
PSY/SOC 131 or conc reg req. Completion of 45 hrs req. Formerly IT 311 MANAGING INDUSTRIAL OPERATIONS.. Lecture.

Principles, practices and methods used to plan, organize, lead, and control technological systems.

- 275 TECHNOLOGY AND QUALITY OF LIFE** OC-DKCC/SMT 3 F,S
Inner Core req. MC-QR or MC-IS category req. Lecture.

Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment.

- 283 INFORMATION AND IMAGING TECHNOLOGIES** 3 F,S
TEC 151 req. Lecture and lab.

Principles of Information and Imaging systems including databases, web design, and digital imaging.

- 284 TECHNICAL COMPUTER APPLICATIONS** 3 F,S
TEC 283 or conc reg req. Lecture and lab. Materials charge optional.

Application of computer hardware and software solutions to industrial production and control problems.

- 285 INDUSTRIAL PLASTICS** 3 F,S
TEC 111 req. TEC 292 or conc reg req. Lecture and lab. Materials charge optional.

Resins, processing, fabrication; injection molding, extrusion, rotational molding, compression molding, thermoforming, fiberglass lay-up, identification and testing.

- 292 MATERIALS TECHNOLOGY** 3 F,S
MAT 120 or conc reg req. Materials charge optional. Lecture and lab.

Introduction to engineering materials, strengths of materials, and standardized testing procedures for determining mechanical and physical properties.

- 301 ADVANCED METHODS OF TEACHING TECHNOLOGY EDUCATION** 3 F, Su
Tech Ed major, grad student, alt certification, or provisionally certified teachers only. Not for cr maj/min if had TEC 101. Lecture.

Conceptual foundations and methodologies for teaching a standards-based technology education program at the elementary, middle-level, or secondary school.

- 302 TEACHING TECHNOLOGICAL DESIGN AND PROBLEM SOLVING** 3 F,Su
Education major, graduate student, or practicing teachers only. Materials charge optional. Lecture.

Foundation and methodology concepts used to deliver technology-based design and problem solving in the elementary, middle-level, and secondary classroom/laboratory.

- 306 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS** 3 S
Also offered as BTE/FCS 382. Inc Clin Exp.

Coordination techniques needed for high school and post-secondary teacher-coordinators in integrating classroom activities with daily employment.

- 313 QUALITY SYSTEMS FOR TECHNOLOGY** 3 F,S, Su
MQM 100 req; MAT 120 req; 8 hrs in a TEC seq req. Lecture. Formerly STATISTICAL QUALITY CONTROL.

A managed quality system using statistical tools; control charts, paretos, histograms, scattergrams, flowcharts and problem-solving techniques for continuous improvement.

- 314 ADVANCED QUALITY CONCEPTS FOR INDUSTRY** 3 F,S
TEC 313 req.

Total quality management concepts/techniques to organize and lead a technical enterprise.

- 315 COMPUTER-AIDED DESIGN FOR MANUFACTURABILITY** 3 S
TEC 130 and 216 req. Lecture and lab. Formerly COMPUTER-AIDED DESIGN AND MANUFACTURING

Design decisions and product manufacturability interaction, concurrent engineering tools, database development, applications in electromechanical design, FMS, etc.

- 317 COMPUTER-AIDED RENDERING AND ANIMATION** 3 F,S
TEC 211 or 216 req. Lecture and lab.

Using computer systems to create renderings and animated presentations of design ideas in an, industrial, or architectural setting.

- 318 PRODUCT MODELING AND ANALYSIS** 3 F
TEC 216 req. Lecture and lab.

Surface and solid modeling of parts and assemblies; parametric/associative design; mass properties analysis; interfacing to manufacturing and analysis programs.

- 319 COMPUTER GRAPHICS** 3 F,S
TEC 151 req. Lecture and lab.

Combination of graphic techniques and computer programming as means of industrial communication applied to solution and interpretation of technological problems.

- 320 PROJECT MANAGEMENT** 3 F,S
TEC 270 and completion of 60 hrs req. Lecture.

Fundamentals of project management emphasizing planning techniques to meet stakeholder expectations regarding project scope, time, cost, and quality.

322 BUILDING CODES AND INSPECTION 2 S*TEC 120 or 211 req. Jr standing req. Lecture.*

Analysis of model building codes and their application and administration for minimum standards of public safety and welfare.

325 COMPUTERIZED ESTIMATING**AND SCHEDULING 3 F,S**

TEC 222, 224, and 229; PHI 238 or conc reg req. Formerly CONSTRUCTION SCHEDULING AND FINANCE. Lecture and lab.

Integrated approach to computerized estimating and scheduling as methods of project control.

326 CONSTRUCTION FINANCE**AND ACCOUNTING 3 F**

ECO 105; TEC 229 and MAT 120 or 144 or 145 req. Lecture and lab.

Practical application of financial and accounting fundamentals specific to the construction industry.

327 DESIGN OF BUILDING STRUCTURES 3 S

TEC 224, 292; MAT 120; and PHY 105 req. Lecture and lab.

Analysis and design of permanent and temporary structural systems for wood, steel, and concrete construction.

328 RESIDENTIAL DEVELOPMENT 3 F

ECO 105, TEC 224, 229 and Jr standing req. Lecture and lab.

Principles and practices of residential development including land acquisition and improvement, regulations, construction, and sales.

330 APPLIED ECONOMIC ANALYSIS FOR TECHNOLOGISTS 3 F,S

MAT 120 and six cr hrs of 200-level IT coursework. Lecture and lab.

Applied economic techniques used to determine the relative worth of alternative systems, products, and services.

345 INDUSTRIAL PROCESSOR CONTROL 3 S

TEC 240 and 263 or demonstrated equiv competencies req. Lecture and lab. Materials charge optional.

Reprogrammable and pneumatic logic automated control systems for industrial production processes.

349 TECHNICAL WRITING II 3 F,S

ENG 249 or grad standing req. Also offered as ENG 349. Materials charge optional.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication.

350 THE FLEXOGRAPHIC PRINTING INDUSTRY 3 F

TEC 257 req. Lecture, lab and field trips. Materials charge optional.

Methods, techniques and management practices utilized in the flexographic printing industry.

351 ADVANCED IMAGE**TRANSFER SYSTEMS 3 F**

TEC 257 req. Lecture, lab, and field trips. Formerly IMAGE CARRIERS AND IMAGE TRANSFER. Materials charge optional.

Advanced image transfer techniques including process color reproduction; printing inks and substrates and finishing methods.

352 ADVANCED PRE-PRESS TECHNIQUES 3 S

TEC 250 req. Lecture, labs and field trips. Formerly CHARACTER GENERATION. Materials charge optional.

Utilization of advanced pre-press methods and technologies in the creation and management of print media.

353 COLOR REPRODUCTION TECHNIQUES 3 S

TEC 253 req. Lecture, labs and field trips. Formerly COLOR SEPARATION. Materials charge optional.

Theory of color and color reproduction in the graphic arts; techniques in color separation, color correction, scanning, imaging and proofing.

354 MANAGING PRINTING AND IMAGING TECHNOLOGIES 3 F

2 of the following: TEC 350, 351, 352, or 353 req or conc reg req. Formerly GRAPHIC ARTS MANAGEMENT. Lecture.

Management of printing and imaging organizations with emphasis on human resources, leadership, supervisory skills, personnel management, and training.

356 MANAGING PRODUCTION IN PRINTING/IMAGING TECHNOLOGIES 3 S

2 of the following: TEC 350, 351, 352, or 353 req. Lecture.

Controlling workflow of printed products, facility design, scheduling and cost estimating. Devices and procedures used to measure print quality.

383 TELECOMMUNICATIONS TECHNOLOGY 3 F,S

TEC 243 or ACS 254 req. Lecture and lab. Materials charge optional.

Interfacing computers locally and through telecommunications networks. Identification of existing standards and hardware and evaluation of specific needs.

384 PLASTICS MOLDING PROCESSES 3 F

TEC 285 req. Lecture and lab. Materials charge optional.

Advanced theory and practice related to plastics injection molding and extrusion: process control, molds and dies, and auxiliary equipment.

387 FORMING, EXPANDING, AND FABRICATING PLASTICS 3 S

TEC 285 req. Lecture and lab. Materials charge optional.

Advanced study of plastics and processes used for product development involving thermoforming, foam modeling, fiberglass lay-up, assembling, machining, and decorating.

- 388 PLASTICS PRODUCT DESIGN** 3 S
 TEC 216 and 285 req. Lecture and lab. Materials charge optional.

Plastic product design, designing tooling for plastic products, and prototype tooling; emphasizing injection molded products.

- 390 INDUSTRIAL COMPUTER APPLICATIONS** 3 F,S
 TEC 270 and PHY 105 req; 9 senior hrs of technical courses in Industrial Computer Systems seq. Lecture and lab. Formerly *MANAGEMENT AND DEVELOPMENT OF GRAPHIC COMMUNICATIONS*. Materials charge optional.

Development of managers and supervisors with technical and professional background in communications, networking, and interfacing, related to computer systems.

- 392 MANUFACTURING ORGANIZATION AND MANAGEMENT** 3 F,S
 TEC 270 and 9 senior hrs of technical coursework in the Integrated Manufacturing Systems Seq and senior standing or cons inst req. Lecture and lab. Formerly *INDUSTRIAL PRODUCTION*. Materials charge optional

The study of industrial production systems including product, manufacturing, and plant engineering through the managing of a production project.

- 394 CONSTRUCTION MANAGEMENT AND ADMINISTRATION** 3 F,S
 TEC 226, 229, and 398 or 500 hrs documented construction experience req. Lecture and lab. Formerly *MANAGING ON-SITE CONSTRUCTION PRACTICES*. Principles, practices, and standard documentation utilized in construction project management and administration.

- 398 PROFESSIONAL PRACTICE: DEPARTMENT OF TECHNOLOGY** 1-8 F,S,Su

Major only. Overall and major GPA of 2.50 and cons of Dept. Prof Pract Coord req. No more than 3 hrs may apply toward maj. May be repeated: max 16 hrs applicable for graduation. Evidence of health insurance req. Please see student manual for additional information and application procedures. CR/NC only.

Planned and supervised management-oriented work-study experiences in businesses, industries, and governmental agencies. Forty hours of work per credit hour. Internship and Coop options listed separately below.

- 398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN TECHNOLOGY** 1-8 F,S,Su

TEC 100-level req courses and three hrs of 200-level courses in a TEC sequence, TEC 270; HSC 271 or HSC 272 req. Must have completed at least 45 hrs of college course work.

Eight-week full-time/320 hrs part-time minimum work term duration.

- 398.52 PROFESSIONAL PRACTICE: COOP IN TECHNOLOGY** 1-8 F,S,Su

TEC 100-level req courses req.

Eight-week full-time/320 hrs part-time minimum work term duration; 3 work terms minimum.

COLLEGE OF ARTS AND SCIENCES

Dean: John Freed, 141 Stevenson Hall.

Web address: <http://lilt.ilstu.edu/cas/>

The College of Arts and Sciences provides the opportunity for a liberal education in addition to the attainment of career-oriented skills. The College includes the Departments of Biological Sciences, Chemistry, Communication, Economics, English, Foreign Languages, Geography-Geology, History, Mathematics, Philosophy, Physics, Politics and Government, Psychology, Sociology-Anthropology, Speech Pathology and Audiology, and the School of Social Work. The College offers the core of the General Education Program required of all undergraduates, a wide range of academic major and minor programs for meeting baccalaureate degree requirements, master's programs in most disciplines and doctoral programs in Biological Sciences, English Studies, Mathematics, and Psychology. Course offerings span the humanities, social and behavioral sciences, natural sciences, and mathematics.

ARTS AND SCIENCES PROGRAMS

MAJOR IN INTERDISCIPLINARY STUDIES

Arts and Sciences Sequence:

This program is one of the sequences included in the Major in Interdisciplinary Studies. See the Major in Interdisciplinary Studies for admission procedures. For further information, contact the Academic Advisement Center, 340 Fell Hall.

The Arts and Sciences Sequence is designed for students wishing to pursue a baccalaureate degree with broad specialization in the liberal arts and sciences. The student chooses the focus of the major by determining the two or more departments around which to build the program. Students who complete the Arts and Sciences Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in Interdisciplinary Studies; Arts and Sciences Sequence."

- 120-hour graduation requirement, including the General Education Program requirements, and 42 senior-college (200- or 300-level) hours.
- An approved plan of study with a minimum of 36 hours from 2 specified Arts and Sciences departments, including 12 senior college hours (200- or 300-level) from each of the 2 departments, a maximum of 25 hours from any 1 of the departments, and a total of 96 hours from Arts and Sciences departments.
- General Education Program course selections may be applied to the Arts and Sciences Sequence requirements. Students should consult with the advisor to Arts and Sciences Sequence to see which courses meet requirements.

MINOR IN ENVIRONMENTAL STUDIES

A minimum of 21 hours is required, distributed as shown below. Students must complete 9 hours in Group One and 9 hours in Group Two. To fulfill the remaining three required hours, the student must choose at least one option under Group Three.

For further information contact the Department of Geography-Geology.

Group One:

Biological Sciences	BSC 202
Geography	GEO 200
Geology	GEO 276
Agriculture	AGR 203

Group Two:

Economics	ECO 255
Geography	GEO 205
Health Science	HSC 156
Philosophy	PHI 236
Politics and Government	POL 236

Group Three:

1. Any course listed under Group One or Group Two; or
2. AGR 157 or AGR 234; or CHE 280; or ECO 355; or GEO 211*; or HSC 247 or HSC 257; or POL 232* (*Consent of Environmental Studies advisor is required in order for these courses to count for credit toward fulfilling the minor requirements); or
3. Students may choose to pursue an environmentally-based internship to partially or fully fulfill the elective requirement. Arrangement for the supervision of internship experience must be handled through the student's major department. Prior approval of the Advisor of the Minor in Environmental Studies is required for the student to receive credit for this experience toward fulfilling the requirement of the minor.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Program Directors:

Janie Leatherman
Department of Politics and Government
Campus Box 4600
340F Schroeder Hall (309) 438-8923

Deborah Gentry
College of Applied Science and Technology
Campus Box 5000
143C Turner Hall (309) 438-8748

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from fourteen departments housed in three Colleges: Applied Science and Technology, Arts and Sciences, and Business.

The Minor provides a comprehensive and in-depth approach to peace and conflict resolution theories and methods. Students are required to take an introductory course, as well as one course from each of five areas of inquiry (social justice, conflict resolution, violence, environment, and globalization), while also specializing in one of these areas with two additional courses. The minor's capstone experience is a professional practice.

The Minor allows students to examine both the causes and prevention of war, as well as the nature of violence, including social oppression, discrimination and marginalization. They also learn peace strategies to overcome persecution and transform society to attain a more just and equitable international community. The inquiry encompasses micro to macro perspectives. At the micro end of the spectrum, students investigate non-violent ethics and conflict management; inner, aesthetic, and spiritual peace; interpersonal communication and relations; intergroup relations; and diversity and gender issues. At the macro level, students explore the dynamics of international conflict, as well as approaches to peace and world order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and biodiversity.

- 27-28 hours required.
- Required core (6 hrs): IDS 111, 398.01.
- Choose three courses from one group listed below and one course from each remaining group.

Group A - Social Justice:

PHI 238; SOC 106, 108, 264, 366; CJS 102

Group B - Conflict Resolution:

HIS 268; POL 252, 255, 351, 363; SOC/HIS 111; FCS/SOC/HIS 112, FCS 310

Group C - Violence:

PHI 244, 248; POL 352; SOC 365; CJS 369; IDS 254

Group D - Environment:

BIO 202; PHI 236; PHY 207; AGR 201; HSC 156

Group E - Globalization:

ANT 175; ECO 105, 205; POL 150, 151; MQM 349; INB 190; IDS 203

NOTE: Students are encouraged to consult with a director regarding course selection and information regarding Professional Practice (IDS 398.01).

Latin American Studies Program

No major offered. Further information: Dean of the College of Arts and Sciences.

MINOR IN LATIN AMERICAN STUDIES

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

This program must be planned in consultation with the Latin American Studies advisor. With the approval of the advisor, courses other than those listed may be counted toward the minor.

- 24 hours required.
- Required courses: 2 semesters of college-level Spanish (Spanish majors must take at least 9 hours of courses taught in Spanish concerning Latin America at the 200-level or above and cannot count 100-level Spanish courses toward the minor); IDS 110 (Introduction to Latin American Studies); and follow a planned course of study approved by the Latin American Studies advisor in which courses are elected from at least 3 different departments/schools. Course work may be selected from the following: AGR 100; ECO 205, 210; FOR 244.15, 255.15, 305.15, 331.15, 336.15; GEO 230; HIS 127, 263; POL 347.

Social Sciences Education Programs

Degrees Offered: B.A., B.S.

The Social Sciences Education Program is housed in the Department of History in cooperation with the Departments of Economics; Geography-Geology; Politics and Government; and Sociology-Anthropology. For further information contact the Department of History.

MAJOR IN SOCIAL SCIENCES EDUCATION

Admission Requirements:

Admission to the Program in Social Sciences Education may be restricted by the lack of available Department resources in times of over-subscription.

- 60 hours in Social Sciences.
- At least one 3-hour course to be taken from each of the 7 Social Sciences areas of American History, Anthropology, Economics, Geography, Politics and Government, Sociology and World History.
- 21 Social Sciences hours at the 200-level or above (as part of the 60 hours).
- No more than 3 hours of independent study, or 6 hours of Professional Practice, to be counted toward major requirements.
- At least three 3-hour courses in American History (including HIS 135 and 136 and any 200-level American history course) and three 3-hour courses in World History (HIS 101, 102, and any 200-level non-Western history course).
- Three 3-hour courses, one of which must be 200-level or above, must be taken from the prescribed choices in 2 additional Social Sciences areas leading to endorsement in those areas.
- At least one methods course (ECO/GEO/POL/PSY 138).
- Social Sciences Seminar capstone course (ECO 300.01; GEO 300.01; HIS 300.01; POL 300.01; or SOC/ANT 300.01).
- HIS 290 and 390.
- 24 hours in Professional Education (including student teaching).
- The Teacher Certification Sequence is part of the entitlement program leading to secondary certification (grades 6-12)
- A 2.75 GPA in the major and overall is required for admission to Teacher Education and for admission to

student teaching. The deadline for admission to student teaching is January 10 for the fall semester and August 15 for the spring semester.

— Prescribed Choices in Endorsement Areas:

- Two of the following: ANT 175, or 185; and any two 200- or 300-level courses.
- ECO 103, 105, 202, 215, 225 (any three of these courses).
- GEO 135 or 140; 205, 211.
- POL 101, 105 or 106; 140 or 254; 221.
- SOC 106 or 108; and any two 200 or 300-level courses.

— **NOTE:** Any General Education course may be used to meet the 45-hour requirement without regard for courses from a major department for students who are pursuing a Social Sciences Education major (an interdisciplinary major). Students will need to be cognizant of other Teacher Certification requirements.

Women's Studies (WS) Program 426

Rachel Cooper 237, Campus Box 4260, (309) 438-2947
Web address: www.cas.ilstu.edu/womenstudies/

Director: Valentine M. Moghadam

MINOR IN WOMEN'S STUDIES

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the workplace, and personal growth and relationships. The 21 credit hours required for the minor are drawn from diverse academic disciplines. Four courses are required: WS 120 provides an overview of the historical and contemporary context of women's lives; ENG 160 explores literary works from the perspective of women's richly varied experience; HIS 250 surveys the historical experience of diverse groups of women in the United States; and PHI 246 examines feminist political theories addressing women's oppression. Students draw the remaining 9 hours from the electives listed below:

- 21 hours required.
- Required courses: WS 120; ENG 160; HIS 250; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or FOR 128; ENG 206 or FOR 206; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 233; HIS 264, 330; PHI 244; POL 225; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.
- **NOTE:** This program must be planned in consultation with the Women's Studies Director or advisor. With approval of the Director or advisor, courses other than those listed above may be counted toward the minor.

BIOLOGICAL SCIENCES (BSC) 412

210 Julian Hall, (309) 438-3669

Web address: www.bio.ilstu.edu

Email address: wanicho@ilstu.edu

Chairperson: Hou Tak Cheung.

Tenured/Tenure-track Faculty:

Distinguished Professors: Anderson, Juliano, Wilkinson.

Professors: Armstrong, Borst, Brown, Cheung, Jayaswal, Katz, Loew, Otsuka, Preston, Sakaluk, Thompson, Whitman, Williams.

Associate Professors: Capparella, Garris.

Assistant Professors: Byers, Cook, Edwards, Gatto, Krebs, Moore, Nichols, Perry, Rubin, Vogel.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Biological Sciences participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Biological Sciences participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN BIOLOGICAL SCIENCES

Students majoring in Biological Sciences may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 hours of college-level courses, including at least 2 courses in Biological Sciences, (2) a minimum of 3 semesters remaining before graduation, (3) a cumulative GPA of 3.3, (4) submitted to the Department Chairperson two letters of recommendation from faculty members, and (5) received admission approval from the departmental Honors Committee.

In order to graduate with honors in Biological Sciences, a student must complete: (1) all regular requirements for the Biological Sciences Major; (2) 1 semester biochemistry; (3) Mathematics through 2 semesters of calculus; (4) 12 hours of Biological Sciences on a tutorial basis (i.e., in-course honors) with a grade of A or B in each; (5) 3 hours of BSC 299; (6) 1 hour BSC 303; and (7) have at the time of graduation a cumulative GPA of at least 3.3 and at least 3.5 in Biological Sciences courses.

Biological Sciences Programs

Degrees Offered: B.S.

MAJOR IN BIOLOGICAL SCIENCES

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297, and 304, with a minimum of 14 additional hours of which 8 hours must be laboratory courses. BSC 202, 307, and Biological Science courses below 195 may not be used in the major. A laboratory course in organic chemistry (220 or 230 and 231), a laboratory course in general physics (105, 108, or 110) and Mathematics through MAT 121 or through MAT 146 also are required. Majors planning to attend professional or graduate school might need to take a full year of both organic chemistry and physics.

Teacher Certification Sequence:

Students pursuing a Biological Sciences major may be certified to teach in the biological sciences (See option A following), and receive an endorsement in the physical sciences (See option B following).

Before being admitted to the University Teacher Education program (see University-Wide Teacher Education program requirements in this *Undergraduate Catalog*), the Biological Sciences major must meet departmental requirements for admission. These include a minimum major GPA of 2.5. Students should see the departmental Teacher Education advisor for information. The previously-stated requirements are part of the entitlement program leading to secondary 6-12 certification.

A. Biological Sciences Certification: A student completing these requirements can meet the minimum qualifications to teach the following subjects as defined by the State Board of Education, Document 1, 7-3.18, 7-3.19, and 7-3.20: Biology, Zoology, Botany, and General Science.

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297, 304, and 307 with a minimum of 4 additional hours of Botany with lab, and 4 hours of Zoology with lab. BSC 202 and Biological Science courses below 195 may not be used in the major. Chemistry through a laboratory course in organic chemistry (220 or 230 and 231) and Mathematics through 121 or through 146 also are required.

B. Biological and Physical Sciences Certification: A student completing these requirements can meet the minimum qualifications to teach the following subjects as defined by the State Board of Education, Document 1, 7-3.18, 7-3.19, and 7-3.20: Biology, Botany, Zoology, Chemistry, Physical Science, and General Science.

- 37 hours in Biological Sciences required.
- Required courses: BSC 196, 197, 201, 203, 219, 297,

304, and 307 with a minimum of 4 additional hours of Botany with lab, and 4 hours of Zoology with lab. BSC 202 and Biological Science courses below 195 may not be used in the major. Also required are 14 hours in chemistry including a laboratory course in organic chemistry (220 or 230 and 231), 10 hours of general physics (108 and 109), and Mathematics courses through 121 or through 146.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN BIOLOGICAL SCIENCES

Biological Sciences Sequence:

- 24 hours in Biological Sciences required.
- Required courses: BSC 196 and 197.
- At least 12 of the elective hours must be 200- or 300-level courses. BSC 100 and 307 may not be used as electives in the minor.

MINOR IN BIOLOGICAL SCIENCES

For Teacher Education:

- 24 hours in Biological Sciences required including at least 8 hours of Botany with lab and 8 hours of Zoology with lab.
- Required courses: BSC 196, 197 and 307 (2 or 3 hours, depending on major).
- Electives: at least 4 hours of botany with lab and 4 hours of zoology with lab. At least 8 hours must be 200- or 300-level courses.

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

This BMB Program is cross-listed by the Departments of Chemistry and Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.3, as well as a 3.5 average in Biochemistry/Molecular Biology, and (3) the courses: MAT 147, PHY 110 and 111, BSC/CHE 299**, 8 hours of foreign language and one of the following: a computer programming course, ACS/CHE/PHY 288, or CHE 380.37.

**Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in BSC/CHE 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 350; BSC/CHE 310.
- 1 year of calculus (MAT 145 and MAT 146) and 1 year of physics (PHY 108 and 109 or PHY110 and 111) must be completed prior to enrolling in CHE 360 or CHE 361.
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
- Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 305, 321, 326, 329, 353, 354, 361, 367, 368, 380; 389.28; CHE 290, 350, 351, 362, 363, 380.04, 380.11, 380.15, 380.19, 380.37, 380.41.
- American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
- Molecular Biology Emphasis; Recommended courses include BSC 260, 353, and 354.

Biochemistry/Molecular Biology Course

- 310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR** 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req.
Also offered as CHE 310.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

Biological Sciences Courses

- 101 FUNDAMENTAL CONCEPTS IN BIOLOGY** IC-NS 3 F,S, Summer
IDS 100 or conc reg req. Not for cr maj/min. May not be taken under the CT/NC option. Lecture, recitation, and lab. Materials charge optional.

Learning and applying biological concepts in the areas of health, medicine, environment, and ethics.

- 145 HUMAN BIOLOGY OC-DKCC/SMT 3F,S, Summer**
Inner Core req. Not for cr maj.

Study of human biology in context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health.

- 160 MICROBIOLOGY AND SOCIETY** OC-KD/SMT 4 F,S
Inner Core req. Not for cr maj. Not for cr if had BSC 260. Lecture and lab. Materials charge optional. Formerly INTRODUCTION MICROBIOLOGY.

Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications.

- 170 GENETICS AND SOCIETY** OC-DKCC/SMT 3 F,S
Inner Core req. Not for cr maj.

Overview of human heredity in context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics.

- 181 HUMAN PHYSIOLOGY AND ANATOMY I** 4 F,S
Not for cr maj. Lecture and lab. Materials charge optional.

Fundamentals of anatomy and physiology for students in Special Education, Health Education, Nursing, and Psychology.

- 182 HUMAN PHYSIOLOGY AND ANATOMY II** 3 F,S
BSC 181 req. Not for cr maj. Lecture only.

- 183 HUMAN PHYSIOLOGY AND ANATOMY II LABORATORY** 1 F,S
BSC 181 req. Not for cr maj. No cr granted in BSC 183 until cr earned in BSC 182. Materials charge optional.

Laboratory exercises in anatomy and physiology to accompany topics in BSC 182 lecture.

- 196 BIOLOGICAL DIVERSITY IC-NSA 4 F,S**
IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups.

- 197 MOLECULAR AND CELLULAR BASIS OF LIFE IC-NSA 4 F,S**
IDS 100 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.

Introduction to molecules, processes, and cellular organization of living organisms.

- 200 READINGS IN BIOLOGICAL SCIENCES FOR NON-MAJORS 1**
Sr standing or cons inst req. Not for cr maj.

Reading and discussion of classical and modern biological literature specifically chosen for senior non-majors.

- 201 ECOLOGY 4 F,S**
BSC 196 and 197 req. Lecture, lab, and field trips. Materials charge optional. Formerly EVOLUTION-ARY ECOLOGY.

Interactions between organisms and their environment at the individual, population, community, and ecosystem levels of organization.

- 202 HUMAN ECOLOGY OC-KD/SMT 3 S**
Inner Core req. MC-QR category req. Lecture. Formerly HUMANS AND THE BIOSPHERE. Not for cr maj.

Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems.

- 203 CELL BIOLOGY 4 F,S**
CHE 220, or 230 and 231 or conc reg req. BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Structure and function of cells with emphasis on developmental biology including cell division, growth, differentiation, integration, and immunity.

- 211 ECONOMIC BOTANY 4 F**
BSC 196 or AGR 150, and BSC 197 req. Lecture and lab. Materials charge optional.

Diversity, origins, and history of plant uses, concentrating on economically important plants of the world.

- 219 GENETICS 4 F,S, Summer**
BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Data, concepts, and logic of genetics from Mendel to the present.

- 221 PLANT STRUCTURE AND FUNCTION 4**
BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Introduction to plant tissues and organs, and their relationship to plant processes.

- 222 PLANT DIVERSITY 4**
BSC 196 and 197 req. Lecture and lab.

History and diversity of plant form and reproduction; survey of fossil and extant members of the plant kingdom.

- 223 ECOLOGY AND IDENTIFICATION OF PLANTS 4 F**
BSC 196 and 197 req. Lecture and lab.
 Ecology, phylogeny, and taxonomy of vascular plants.

- 253 DEVELOPMENTAL BIOLOGY 4**
BSC 203; CHE 220, or 230 and 231 req. Lecture and lab. Materials charge optional.
 Embryogenesis and the cellular/biochemical mechanisms that control development.

- 260 MICROBIOLOGY 4 F,S**
Organic chemistry or conc reg and BSC 196 and 197 req. Lecture and lab. Materials charge optional.
 Uniqueness, diversity, ecology, molecular biology, and practical applications of microorganisms.

- 283 ANIMAL PHYSIOLOGY 4 F,S**
BSC 196 and 197 req; BSC 203 rec. Lecture and lab. Materials charge optional.
 The physical and chemical basis of system physiology with reference to invertebrates and vertebrates.

- 286 ANIMAL BEHAVIOR 4 F**
BSC 196 and 197 req. BSC 201 or conc reg req. Lecture, lab and field trips. Formerly BSC 199.

Adaptive significance of behavior and the proximate mechanisms underlying its expression. Emphasis is placed on an understanding of animal behavior within an evolutionary context.

- 290 RESEARCH IN BIOLOGICAL SCIENCES 1-3 F,S,Summer**
Project proposals must be approved by a supervising faculty member and undergrad advisor prior to reg. Students are expected to work (on average) a min of 3 hr per week for each hr of cr. May be repeated; max of 4 hrs from BSC 287, 298.01, 290, 299, or 398 may be counted toward maj req.

Field and/or laboratory research in one of the biological sciences involving a participation in the scientific process with faculty and graduate students.

- 292 INVERTEBRATE ZOOLOGY 4 S**
BSC 196 and 197 req. Lecture and lab. Materials charge optional.

Diversity, phylogeny, comparative anatomy and physiology of invertebrate animals.

- 293 INTRODUCTION TO UNDERGRADUATE RESEARCH 2 F,S**
Completion of two of the following: BSC 201, 203, 219; min. 3.0 GPA; and cons of Coordinator req.
 Preparation for research in the biological sciences.

- 295 COMPARATIVE VERTEBRATE ANATOMY 4 S**
BSC 196 and 197 req. Lecture, lab, and field trip. Materials charge optional.
 Evolution and comparative anatomy of vertebrates.

- 296 MAMMALIAN BIOLOGY 3 F**
BSC 196 and 197 req. BSC 201 or conc reg req. Lecture.

Introduction to origins, evolution, structure-function complexes, adaptive radiation, ecology, reproductive strategies, behavior and conservation biology of mammals.

297 BIOLOGICAL EVOLUTION 2 S

BSC 201, 203, 219 req. Not for cr if had BSC 390.

Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology.

298.01 PROFESSIONAL PRACTICE: CAREERS FOR HEALTH PREPROFESSIONALS 1 F

Max 4 hrs from BSC 290, 298.01, 299, 305, and 398 may count toward maj req. Cons pre-med advisor req. CR/NC only.

Information and experience on careers in medicine, dentistry, osteopathy, podiatry, optometry, pharmacy, and veterinary medicine. Classroom and off-campus experience.

298.02 PROFESSIONAL PRACTICE: MENTORSHIP IN THE HEALTHCARE PROFESSIONS 1

Max 4 hrs from BSC 290, 298.01, 299, 290, and 398 may count toward maj req. BSC 298.01; BSC 203 and 219 with B or better; consent pre-med advisor req. CR/NC only.

Work in a mentorship environment with practicing professionals in specific areas of healthcare, including medicine, dentistry, optometry, and veterinary medicine.

300 READINGS IN BIOLOGICAL SCIENCES 1

Maj only or cons inst req. 2 of the following: 201, 203, or 219 req.

Reading and discussion of classical and modern biological literature.

301 ENTOMOLOGY 4 F

BSC 196, 197, and 201 req. Lecture, lab, and field trips. Materials charge optional.

Biology and taxonomy of insects.

303 SENIOR THESIS 1 F,S

BSC 201, 203, 219, 293, and min 3 credits of BSC 290 or 299; a min 3.0 GPA and cons of Undergrad Research Coord. and faculty thesis advisor req.

Preparation of a thesis based upon original research in the biological sciences.

304 SENIOR SEMINAR IN BIOLOGY 1 F,S

2 of the following: BSC 201, 203, or 219 req.

Oral and written reports on current topics in biology.

306 REGIONAL AND AREA STUDIES 1-9

Field work req. Cons inst req.

Intensive on-site studies of organisms and their environments.

307 METHODS IN THE TEACHING OF BIOLOGY 2-3 F,S

C&I 216 or equiv req. Incl Clin Exp: 40 hrs, Type 1-6. BSC Ed maj must register for 3 hrs; BSC Ed Minor, 2 or 3 hrs, depending upon maj. Adm to Teacher Ed req.

Strategies, curricula, and materials applicable to teaching secondary school science including 40 hrs Clinical Experiences.

308 FIELD BIOLOGY 3 Summer

BSC 201 or equiv req. Lecture, lab and field trips.

Ecological communities of Central Illinois. Classification and identification of plants and/or animals.

309 INTEGRATED SCIENCE FOR ELEMENTARY EDUCATORS 3 F,S

El Ed maj with 24 hrs of science req. Also offered as BSC 309, CHE 309 and GEO 309.

Modeling of exemplary science teaching practices using a unified science approach.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S

BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as CHE 310.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

321 MOLECULAR AND DEVELOPMENTAL GENETICS 4

BSC 203 and 219 req. Lecture and lab. Materials charge optional.

Organization of the genome; structure of chromatin and chromosomes; genetic regulation of development; molecular bases of DNA functions.

329 HUMAN GENETICS 3

BSC 203 and 219 req.

Detection, expression, transmission, and molecular manipulation of human traits; emphasis on medical genetics.

334 INTRODUCTORY MYCOLOGY 4

BSC 201 req. Lecture and lab.

Morphology, taxonomy, and evolution of the fungi.

335 PLANT TAXONOMY 3

BSC 222 or 223 req; 1 of the following: BSC 201, 203, 219 req.

Classification of flowering plants; taxonomic characters and data, patterns of diversity, and methods of classification; distinguishing characteristics and names of major taxa, botanical nomenclature, and taxonomic reference tools.

336 LABORATORY IN PLANT IDENTIFICATION 1

BSC 335 or conc reg req.

Plant identification; identification tools and methods; descriptive morphology and terminology; field identification of flowering plants and major plant families; specimen collection, documentation, and curation.

337 RESTORATION ECOLOGY 3

BSC 201, or equiv, or cons inst req. Lecture and lab.

Study of ecology, restoration, and management of native plant communities.

343 INTRODUCTION TO NEUROBIOLOGY 3 S

BSC 203 or cons inst req.

Cellular and molecular aspects of neuronal function; neurotransmitter families; central nervous system development, anatomy and function; and neuropathology.

350 MOLECULAR BIOLOGY 3 S

BSC 203, 219 and 260; CHE 220, or 230 and 231 req. CHE 242 or 342 rec.

DNA structure and replication, the Genetic Code, transcription, translation, genetic regulation, RNA splicing, and transposons.

353 BIOTECHNOLOGY LABORATORY I: DNA TECHNIQUES 3 F

BSC 203, 219 and 260; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Material charge optional. Not for cr if had BSC 352.

Application and theory of molecular techniques using prokaryotic systems, including DNA and protein analysis, DNA cloning and bacterial genetics.

354 BIOTECHNOLOGY LABORATORY II: CELL BIOLOGY TECHNIQUES 3 S

BSC 203; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Materials charge optional. Formerly BIOTECHNOLOGY LABORATORY: MOLECULAR RECOGNITION.

Applications and theory of cell biology to study eukaryotic systems using biochemistry, cell culture, and immunology techniques.

361 MICROBIAL PATHOGENS 4

BSC 203 and 260 req. Lecture and lab. Materials charge optional.

Pathogenesis, identification, cultivation, and classification of bacteria, viruses, fungi, and animal parasites associated with diseases of man.

367 IMMUNOLOGY 4

BSC 203 and 260 req. Offered every 3rd semester. Lecture and lab. Materials charge optional.

Molecular, cellular, transplantation and tumor immunology; antimicrobial immunity; immunochemistry.

368 VIROLOGY 4

BSC 219 and 260 req. Lecture and lab. Materials charge optional.

Bacterial, avian, insect, plant, and mammalian viruses and their involvement in disease and cancer. Viral diagnostics.

383 PARASITOLOGY 4

BSC 203 and 260 req. Lecture and lab. Materials charge optional.

Host-parasite relationships, life histories, and morphology of arthropod, helminth, and protozoan parasites of animals.

395 BIOLOGY OF THE LOWER VERTEBRATES 4 F

1 of the following: BSC 201, 203, or 219 req. Lecture, lab, and field trips. Materials charge optional.

Fish, amphibians, and reptiles: behavior, ecology, evolution, systematics, zoogeography, reproduction, and adaptive significance of morphology.

396 AVIAN BIOLOGY 4

BSC 201 req. Lecture, lab, and field trips.

Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds.

398 PROFESSIONAL PRACTICE: BIOLOGY 1-6 F,S,Summer

Jr standing in BSC with 2.5 GPA in all natural sciences req. May be repeated; max 16 hrs Prof Pract; no more than 4 hrs from BSC 290, 298.01, 299, 305 or 398 may be counted toward maj req. Cons dept Prof Pract advisor req. CR/NC only.

Practical experience through employment in agencies such as biological research facilities, zoological or botanical gardens, game reserves, or environmental service. One credit per 50-60 hours work experience.

CHEMISTRY (CHE) 416

222 Julian Hall, (309) 438-7661

Web address: www.che.ilstu.edu

Chairperson: Michael E. Kurz.

Tenured/Tenure-track Faculty:

Distinguished Professors: Lash, Stevenson.

Professors: Hansen, Jones, Kurz, Rothenberger, Webb.

Associate Professors: Baur, Standard.

Assistant Professors: Cedeno, Ferrence, Friesen, Gregory, Hamaker, Hitchcock, Hunter, Nagorski, Quandt, Szczepura, Weldon.

General Department Information

The Department of Chemistry is on the approved list of the American Chemical Society. Contact the department for specific certification requirements.

HONORS IN CHEMISTRY

Students majoring in Chemistry may be admitted to the Departmental Honors Program if they have (1) completed at least 30 hours of college-level courses, including at least 2 courses in Chemistry, (2) a cumulative GPA of 3.3, and (3) applied for admission to departmental honors to the Chemistry chairperson or honors advisor and received approval for admission into the program.

In order to graduate with honors in Chemistry, a student must complete (1) all regular requirements for the Chemistry Major including PHY 110 and 111, (2) 3 hours of CHE 299, (3) MAT 147, (4) a 200-level Physics, Mathematics or Biological Sciences course, (5) Eight hours of foreign language, (6) a computer programming course (ACS 165, 168, CHE/PHY 288, CHE 380.37), and (7) have at the time of graduation a cumulative GPA of at least 3.3 and at least 3.5 in Chemistry courses.

Chemistry Programs

Degrees Offered: B.S.

MAJOR IN CHEMISTRY

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 350, 351, 360, 361, 362, 363.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Chemistry electives: Selected from approved courses numbered 200 or higher. For the American Chemical Society Certified Degree the elective requirement is 6 hours in Chemistry courses numbered 290 or higher. These courses must include 2 hours in laboratory course work (CHE 290, 301, 343, 398). The department strongly recommends presentation of work performed in 290 or 398 at a professional meeting,

Chemistry Department Symposium or Undergraduate Research Symposium. The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, a course in technical writing and other science courses.

- **NOTE:** Students interested in careers in biochemistry, molecular biology, biotechnology or medicine may elect to follow the Biochemistry/Molecular Biology Degree Program (listed below).

Teacher Certification Sequence:

- 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher, and CHE 301 as an additional laboratory course. A Teacher Education student must complete the option described as part of the entitlement program leading to certification: secondary 6-12.

MINOR IN CHEMISTRY

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, and 215.

MINOR IN CHEMISTRY

For Teacher Education:

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
- Required courses: CHE 140, 141, 215, and 301 (2 hours).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

The BMB Program is cross-listed by the Departments of Chemistry and Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.3, as well as a 3.5 average in Biochemistry/Molecular Biology, and (3) the courses: MAT 147, PHY 110 and 111, CHE/BSC 299**, 8 hours of foreign language and one of the following: a computer programming course, ACS/CHE/PHY 288 or CHE 380.37.

**Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in CHE/BSC 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

- 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
- Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 350; BSC/CHE 310.
- 1 year of calculus (MAT 145 and MAT 146) and 1 year of physics (PHY 108 and 109 or PHY110 and 111) must be completed prior to enrolling in CHE 360 or CHE 361.
- The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
- The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
- Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 305, 321, 326, 329, 353, 354, 361, 367, 368, 380; 389.28; CHE 290, 350, 351, 362, 363, 380.04, 380.11, 380.15, 380.19, 380.37, 380.41.
- American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
- Molecular Biology Emphasis; Recommended courses include BSC 260, 353 and 354.

Biochemistry/Molecular Biology Course

- 310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR** 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as BSC 310.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

Chemistry Courses

- 102 CHEMISTRY AND SOCIETY IC-NS** 3 F,S
IDS 100 or conc reg req. Lecture and lab. Open only to students with no college cr in chemistry. May not be taken under the CT/NC option. Materials charge optional.

Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today's world. Lectures, demonstrations, recitation, and lab.

- 110/112 FUNDAMENTALS OF CHEMISTRY AND LABORATORY IC-NSA** 4/1 F,S
IDS 100 or conc reg req. Not for cr if had CHE 141. CHE 110 or conc reg req for CHE 112. May not be taken under the CT/NC option. Materials charge optional for CHE 112.

Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems.

- 140 GENERAL CHEMISTRY I IC-NSA** 4 F,S
IDS 100 or conc reg req. First half of a 2-sem sequence. Lecture and lab. Designed primarily for students with high school cr in chemistry. Algebra is req. May not be taken under the CT/NC option. Materials charge optional.

Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions.

- 141 GENERAL CHEMISTRY II** 4 F,S
CHE 140 req. Lecture and lab. Materials charge optional.

Continuation of CHE 140. Introduction to acid-base equilibria, electrochemistry, nuclear chemistry, descriptive chemistry, and coordination compounds.

- 161 INTRODUCTION TO TEACHING SCIENCE SEMINAR** 2 F,S
B or better in CHE 110, CHE 140 or equiv req. Teacher Ed maj only.

Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning.

- 204 CHEMISTRY OF LIFE OC-KD/SMT** 3 F,S
Inner Core req. CHE 102 or 1 yr high school chemistry req. BSC 101 or equiv rec. Not for cr maj. Formerly CHE 104. Lectures, demonstrations and lab.

Application of chemical principles to the understanding of life processes and exploration of classes of molecules important in everyday life.

- 209 INTRODUCTION TO TEACHING HIGH SCHOOL SCIENCE** 1 F
10 hrs of CHE req. Chemistry Teacher Ed maj only. Clin Exp: 25 hrs, Type 1-6. Not for cr if had CHE 301 or PHY 301.

A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools.

- 215 FUNDAMENTALS OF ANALYTICAL CHEMISTRY** 2 F,S
CHE 141 req. Lecture and lab. Materials charge optional.

Theory and practice of selected modern analytical methods such as volumetric, potentiometric, optical, and chromatographic analysis.

- 220 ELEMENTARY ORGANIC CHEMISTRY** 5 F,S
CHE 112 or 141 req. Not for cr if had CHE 230. Lecture and lab. Materials charge optional.

One-semester survey of organic chemistry. For non-majors; recommended for Agriculture, Family and Consumer Sciences, Health Sciences, Nursing, and others. Fundamental principles of structure and mechanisms of organic reactions.

- 230 ORGANIC CHEMISTRY I** 3 F,S
First half of a 2-sem seq. CHE 141 req. No cr will be granted in CHE 230 until cr is earned in CHE 231. Not for cr if had CHE 220.

Introduction to chemistry of aliphatic and aromatic organic compounds.

- 231 ORGANIC CHEMISTRY LABORATORY I** 1 F,S
CHE 141 req. Conc reg in CHE 230 req. First half of a 2-sem seq. No cr will be granted in CHE 231 until cr is earned in CHE 230. Materials charge optional.

Laboratory practice illustrating preparations and reactions typical of functional groups.

- 232 ORGANIC CHEMISTRY II** 3 F,S
CHE 230 req.

Continuation of Chemistry 230, including synthetic and mechanistic features of organic reactions.

- 233 ORGANIC CHEMISTRY LABORATORY II** 2 F,S
CHE 231 req; conc reg in CHE 232. Materials charge optional.

Laboratory practice in newer techniques and methods of organic chemistry.

- 242 BASIC BIOCHEMISTRY** 3 F,S
1 sem of organic chemistry req. Not for cr if had CHE 342.

Introduction to the chemistry of carbohydrates, lipids, proteins, nucleic acids and enzymes. Brief treatment of vitamins and intermediary metabolism.

- 280 ENVIRONMENTAL CHEMISTRY** 3 F
CHE 141 and any 200-level chemistry course req.

Aquatic, soil, and atmospheric chemistry and the attendant problems of water, soil, and air pollution. Causes of pollutants and methods of analyzing for them.

288 METHODS OF COMPUTATIONAL SCIENCE 3 S

ACS 165; CHE 140; PHY 109 or 111; and MAT 146 or cons inst req. Also offered as PHY 288.

Introduction of a wide variety of computational techniques and their application to physics and chemistry problems. The applications will be restricted to computer simulations of simple physical systems from mechanics, electromagnetism and chemistry.

290 RESEARCH IN CHEMISTRY 1-2 F,S

17 hrs of Chemistry: only 3 hrs are applicable toward the maj. Dept form must be completed prior to reg. CR/NC only. May be repeated; max 6 hrs.

301 TEACHING OF CHEMISTRY 2-3 F

17 hrs of Chemistry. For teaching maj/min only. Chemistry Ed min should reg for 2 hrs. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp: 35 hrs, Type 1-5. Adm to Teacher Ed req.

Modern methods and curricula of high school chemistry.

302 STUDENT TEACHING AND PROFESSIONAL SEMINAR 4 S

CHE 301 and STT 399.73 conc reg req. Chemistry Teacher Ed maj only.

A weekly seminar in which students exchange information and share reflections during and after student teaching.

309 INTEGRATED SCIENCE FOR ELEMENTARY EDUCATORS 3 F,S

El Ed maj with 24 hrs of science req. Also offered as BSC 309, PHY 309 and GEO 309.

Modeling of exemplary science teaching practices using a unified science approach.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S

BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as BSC 310.

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

315 INSTRUMENTAL ANALYSIS 3 F,S

CHE 215 req; CHE 362 or conc reg req. Lecture and lab. Materials charge optional.

Emphasis on modern instrumental methods of chemical analysis including electroanalytical, optical, and chromatographic methods.

342 GENERAL BIOCHEMISTRY I 3 F,S

C or better in CHE 232 or 1 year of organic chemistry or cons inst req. Not for cr if had CHE 242.

Survey of the structure-function relationships of proteins, carbohydrates, lipids and nucleic acids, dynamic equilibria, energetics, reaction kinetics/mechanisms and metabolism.

343 BIOCHEMISTRY LABORATORY 2

CHE 242 or 342 or conc reg req. Lecture and lab. Materials charge optional.

Application of biochemical principles and methods discussed in Chemistry 342.

344 GENERAL BIOCHEMISTRY II 3 S

B or better in CHE 242 or C or better in CHE 342 req.

Survey of important aspects of intermediary metabolism, metabolic regulation, membrane transport and bioenergetics. Topics will include hormonal controls and immunochemical response.

350 INORGANIC CHEMISTRY 3 F,S

CHE 362 req.

Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, non-aqueous solvents and selected inorganic reactions.

351 INORGANIC CHEMISTRY LABORATORY 1 F,S

CHE 350 or conc reg req. Materials charge optional.

Experiences in the modern techniques of synthesis and quantitative characterization of inorganic materials. Specific experiments and techniques may vary but will generally include spectroscopic, microscopic, electrochemical, conductivity, magnetic susceptibility, thermal and vacuum line techniques and experiments.

360 PHYSICAL CHEMISTRY I 3 F,S

CHE 141; CHE 215 or conc reg req. PHY 109 or 111; 8 hrs of CHE or PHY courses numbered 200 or higher; MAT 146 req.

First of a series in theoretical chemistry dealing with descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics.

361 PHYSICAL CHEMISTRY LABORATORY I 1 F,S

CHE 360 or conc reg req. Materials charge optional.

Laboratory applications of principles treated in physical chemistry.

362 PHYSICAL CHEMISTRY II 3 F,S

CHE 360 req.

Continuation of CHE 360, including ionic equilibrium, conductance, electromotive force, spectroscopy, molecular theory, and miscellaneous applications of quantum theory.

363 PHYSICAL CHEMISTRY LABORATORY II 1 F,S

CHE 362 or conc reg req. Materials charge optional.

Laboratory studies of the derivations and applications of principles treated in physical chemistry.

380 TOPICS IN CONTEMPORARY CHEMISTRY 1-3 F,S

CHE 232 req. Certain topics may also require CHE 360. May be repeated.

New concepts and recent developments in the fields of organic, chemical education, inorganic, analytical, physical, and biochemistry.

398 PROFESSIONAL PRACTICE: CHEMISTRY 1-16 F,S,Summer

CHE 232 and 233 or equiv req. Jr/sr standing. 2.5 GPA req. May be repeated; max 16 hrs; no more than 4 hrs/sem may be used to meet graduation req. CR/NC only. May be 2 to 5 periods of 1 term each.

Practical experience by employment in an industrial or governmental laboratory.

COMMUNICATION (COM) 448

434 Fell Hall, (309) 438-3671

Web address: www.communication.ilstu.edu

Email address: communication@ilstu.edu

Chairperson: Larry Long

Tenured/Tenure-track Faculty:

Professors: Comadena, Cupach, Kang, Kapoor, Konsky, Metts.

Associate Professors: Baldwin, Cutbirth, Kazoleas, Moffitt, Wisely, Wolfe.

Assistant Professors: Aust, Berg-Nellis, Blaney, Carrier, Courtright, Glascock, Hunt, Lee, Limon, Lippert, O'Sullivan, Perry, Simonds.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Communication participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN COMMUNICATION

The Department of Communication offers students an opportunity to demonstrate outstanding achievement in the study of communication by means of participation in the Departmental Honors Program. The Department also offers in-course honors work in all its courses at the discretion of the instructor for students enrolled in the Honors Program. Qualified students are encouraged to inquire about admission by contacting a Department academic advisor.

Instructional Media Programs

MINOR IN INSTRUCTIONAL MEDIA

- 24 hours required.
- Required courses: COM 240, 241, 365, 366; 12 hours selected from: ART 101, 103, 104, 109, 226; COM 160, 162, 163, 362; TEC 210, 250, 251, 253.

Mass Communication Programs

Degrees Offered: B.A., B.S.

MAJOR IN MASS COMMUNICATION

- 39 hours required.
- Required courses: COM 111, 160, 161, 260, 297, 360, 361, 367.
- A minimum of 24 senior hours including at least 12 hours at the 300-level (excluding 398).
- Mass Communication majors must complete a minor or second major in a department other than Communication.

- A maximum of 9 hours can be counted concurrently toward the Mass Communication major and other majors or minors within the Department of Communication.
- 15 hours of electives, to be chosen in consultation with a departmental advisor. Students are encouraged, but not required, to choose electives from a concentration that reflects their career options.
- Students may include a maximum of 3 hours of Professional Practice 398 toward their major electives.
- Concentrations: Mass Communication majors must choose five additional Mass Communication courses as electives in order to complete their major plan of study. Students may choose these from groups of courses called concentrations. The elective concentrations represent various media career options such as print or broadcast journalism, radio and television broadcast production, international communication, and visual (graphics) communication. Students may pursue one or more concentrations or choose from additional mass communication electives to complete their plan of study. Recommended courses for each concentration are listed below.

Choose a minimum of five courses from the following (NOTE: One of the courses must be 300-level excluding 398):

Broadcast Journalism: COM 162 or 163, 167, 264, 267.

Radio Production: COM 162, 264, 364, 398.

Television Production: COM 163, 263, 362, 398.

International Communication: COM 165 or 167, 218, 369, 372.

Print Journalism: COM 165, 166, 265, 269, 385.

Visual Communication: COM 240, 241, 365, 366.

- Additional electives: COM 228, 266, 268, 304, 324, 329, 355, 363, 370, 371, 398.
- Students may repeat COM 263 or 267 one additional time, but only 3 hours of the course may count toward the major.

MINOR IN MASS COMMUNICATION

- 18 hours required.
- Required courses: COM 160 and 161.
- 12 hours of electives selected in consultation with an academic advisor from: COM 110, 162, 163, 165, 166, 167, 218, 260, 263, 264, 265, 266, 267, 268, 269, 270, 287, 296, 297, 360, 361, 362, 363, 364, 367, 369, 385, 398.

MINOR IN JOURNALISM

For Teacher Education:

- 24 hours required.
- Required courses: COM 160, 165, 166, 265, 266, 269, 385.
- Electives: COM 260, 268; TEC 250.

Speech Communication Programs

Degrees Offered: B.A., B.S.

MAJOR IN SPEECH COMMUNICATION

- 39 hours required.
- Required courses: COM 111, 123, 223, 297, 329, and 1 selected from: COM 201, 303, 331, or 372.
- A minimum of 30 senior hours with at least 9 hours at the 300-level (excluding 398).
- Speech Communication majors must complete a minor or second major in a department other than Communication.
- A maximum of 9 hours can be counted concurrently toward the Speech Communication Major and other majors or minors within the Department of Communication.
- 21 hours of electives selected from the following guidelines: A minimum of 6 hours selected from Group 1 courses (COM 125, 201, 202, 226, 302, 303, 304, 321, 324, 371). A minimum of 6 hours selected from Group 2 courses (COM 225, 228, 323, 325, 331, 370, 372). Electives also available from Group 3 courses (COM 198.02, 218, 240, 296, 299, 363, 369, 398).
- Students may include a maximum of 6 total hours of Professional Practice (COM 198, 398) and independent research (COM 296, 299) toward completion of the major.

Teacher Certification Sequence:

- 40 hours required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses (28 hrs): COM 110, 123, 125, 198.02, 202, 223, 281, 297, 324, 381.
- Elective courses (12 hrs) chosen from 2 of the following groups:
 - Group A (Small Group/Interpersonal):** 6 hours from: COM 225, 323, 325, 329, 331, 370, 372.
 - Group B (Social Communication):** 6 hours from: COM 201, 303, 304, 371.
 - Group C (Rhetorical Criticism):** 6 hours from: COM 226, 302, 321.
 - Group D (Education):** 6 hours from: COM 296, 392, 398.
 - Group E:** 6 hours from: COM 160, 218, 360; PAS 211; THE 101, 341 (not for credit Theatre maj/min).
- Clinical Experiences are included in COM 198.02, 202, 223, 281, 398. Additional opportunities are available through other departmental programs.
- Students enrolled in this program are required by the State to complete the requirements for teaching English. Students are recommended to consult an advisor early in their program to determine the requirements for various teaching fields.
- **NOTE:** Admission to Teacher Education programs requires a 2.5 GPA.

MINOR IN SPEECH COMMUNICATION

- 21 hours required.
- Required course: COM 110.

- A minimum of 6 hours must be at the 300-level (excluding 398).
- 18 hours of electives selected from: COM 123, 125, 198.02, 201, 202, 218, 223, 225, 226, 227, 228, 297, 302, 303, 304, 321, 323, 324, 325, 329, 331, 370, 371, 372.

MINOR IN SPEECH COMMUNICATION

For Teacher Education:

- 25 hours required.
- Required courses (22 hrs): COM 110, 123, 125, 198.02, 223, 281, 297, 324.
- Electives (3 hrs) selected from: COM 160, 201, 202, 218, 225, 226, 296, 302, 303, 304, 321, 323, 325, 329, 331, 360, 370, 372; PAS 211; THE 101, 341.
- Students minoring in Speech Communication or Journalism for Teacher Education are advised that if they have a major other than English, they must have 6 hours in rhetoric and composition to meet state teaching standards.
- **NOTE:** Admission to Teacher Education programs requires a 2.5 GPA.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Public Relations Program

Degrees Offered: B.A., B.S.

MAJOR IN PUBLIC RELATIONS

- 39 hours required.
- Required courses: COM 111, 161, 178, 268, 297, 321, 378.
- A minimum of 30 senior hours with at least 15 hours at the 300-level (excluding 398).

- Public Relations majors must complete a minor or second major in a department other than Communication.
- A maximum of 9 hours can be counted concurrently toward the Public Relations major and other majors or minors within the Communication Department.
- 18 hours of electives, to be chosen in consultation with a department advisor. Students are encouraged, but not required, to choose electives from a concentration that reflects their career options.
- Students may include a maximum of 3 hours of Professional Practice 298 and a maximum of 3 hours of 398 toward their major electives.
- Concentrations: Public Relations majors must choose six additional public relations courses as electives in order to complete their major plan of study. Students may choose these from groups of courses called concentrations. The elective concentrations represent various public relations career options such as graphics and technology, corporate public relations, public relations management, media relations, and international public relations. Students may pursue one or more concentrations or choose from additional public relations electives to complete their plan of study. Recommended courses for each concentration are listed below. Students may complete a concentration by choosing six of the ten listed courses.

Choose a minimum of six courses from the following (**NOTE:** Three of the courses must be 300-level excluding 398):

Graphics and Technology: COM 218, 240, 241, 266, 269, 270, 318, 362, 365, 366.

Corporate Public Relations: COM 223, 228, 265, 269, 298, 325, 329, 358, 367.

Public Relations Management: COM 218, 228, 275, 298, 318, 329, 340, 350, 358.

Media Relations: COM 218, 228, 265, 275, 298, 350, 358, 360, 361, 385.

International Public Relations: COM 260, 298, 302, 324, 329, 350, 355, 358, 369, 372.

- Additional electives: COM 202, 303, 304, 331, 371, 398.
- Some of the elective courses may require additional prerequisites.
- Students electing a concentration in International Public Relations should demonstrate proficiency equivalency in one foreign language through the Foreign Language 116 level.

MINOR IN PUBLIC RELATIONS

- 24 hours required.
- Required courses: COM 161, 178, 268, 297, 378.
- A maximum of 9 hours counted toward the Public Relations minor may be applied toward a major or minor within the Department.
- 9 hours of Communication electives selected from the following areas (* means highly recommended):

Graphics and Photography: 240*, 241*, 266, 365, and 366.

Mass Communication and Production: 163*, 166*, 218, 269, 362, 364*, 367, and 385*.

Organizational and Professional Communication: 202*, 227 (not recommended for declared Speech Communication majors), 228, 321*, 324*, 325, and 329*.

Communication Courses

110 LANGUAGE AND COMMUNICATION IC 3 F,S,Summer
IDS 100 or conc reg req. May not be taken under the CT/NC option. Formerly FUNDAMENTALS OF SPEECH COMMUNICATION.

Course focuses on the development of communication competence, critical thinking, and ethical practices in public speaking, small group, and interpersonal contexts.

111 INTRODUCTION TO COMMUNICATION THEORIES 3 F,S
COM maj only.

Introduces the student to numerous basic communication theories; outlines requirements, expectations, and career opportunities for all communication majors.

123 INTERPERSONAL COMMUNICATION 3 F,S
An introduction to 2-person interaction in a variety of contexts.

125 ARGUMENTATION 3 F,S
Theory and practice of advocacy.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

160 INTRODUCTION TO MASS COMMUNICATION 3 F,S
Mass media development and function in modern society: technological basis, economic and political foundations, social implications.

161 MEDIA WRITING AND PRESENTATION 3 F,S
COM 160 or 178 req.

Introduction to the variety of mass communication media students may encounter in their careers. Preparation and presentation of various mass communication formats.

162 RADIO PRODUCTION 3 F,S
COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Skills in utilizing equipment and procedures necessary to produce programs for radio. Script writing and directing included.

163 TELEVISION PRODUCTION 3 F,S
COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Development of skills necessary in producing a television program. Function of television equipment and facilities. Evaluation of current production techniques. Producing and directing included.

165 REPORTING I 3 F,S
COM 160 or 178 and typing ability req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and news writing.

166 COPY EDITING 3 F,S
COM 160 and 165 req. Materials charge optional.

Advanced training in rewriting and editing stories, headlines, writing, page layouts, and work on a campus publication.

167 BROADCAST NEWS I 3 F,S
COM 160 req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and writing for the electronic media.

178 INTRODUCTION TO PUBLIC RELATIONS 3 F,S
COM 111 and ENG 101 rec.

Examines functions of public relations in society and surveys concepts, theories, ethics, and principles of effective public relations.

198.02 PROFESSIONAL PRACTICE: FORENSICS 1 F,S
May be repeated; Max 4 hrs. Incl Clin Exp: 15 hrs, Type 1-4.

Training and participation in speech activities.

201 COMMUNICATION AND SOCIAL ISSUES I 3 F,S
COM 111 req.

Criticism of communicative discourse concerning reform movements, religious controversy, socialism, and other topics.

202 PERSUASIVE PUBLIC SPEAKING 3 F,S
COM 111 req. Incl Clin Exp: 2 hrs, Type 1-5.

Provides the student an opportunity to develop skills in persuasive speaking in a variety of situations. Focuses on message content and organization appropriate for different situations.

218 COMMUNICATION TECHNOLOGIES AND IMPACTS 3 F,S
COM 111 or 160 or cons inst req.

The study of basic communication technologies (radio, television, satellite, computer, and electronic publishing) and their impact on the individual, group, organization, and society.

223 SMALL GROUP PROCESSES 3 F,S
Incl Clin Exp: 1 hr, Type 1-3.

Theory and practice in reflective group discussion methods.

225 NONVERBAL COMMUNICATION 3 F,S
COM 111 req.

Consideration of gesture, space, time, touch, objects, environment, voice, and eye behavior, and their relationship to communication and culture.

226 CLASSICAL RHETORIC 3 F
COM 111 req.

Classical rhetoricians and rhetorics, from the early Greek sophists to Saint Augustine, with special attention to impact on modern theory construction.

227 ORGANIZATIONAL AND PROFESSIONAL SPEAKING 3 F,S
Not rec for COM maj.

Learning experiences in critical analysis of communication events, group problem solving, interviewing, technical speaking, and persuasive speaking.

228 INTRODUCTION TO INTERVIEW 3 F

Learning experiences in the selection, organization, oral presentation of ideas through the interview situation. The course stresses information processing in the interview setting.

240 PRESENTATION MEDIA 3 F,S
Lecture and lab. Incl Clin Exp: 2 hrs, Type 1-3. Formerly AUDIOVISUAL MEDIA. Materials charge optional.

Introduction to presentational theory and skills needed to identify, design, produce, present, and assess audiovisual media in a variety of organizational situations.

241 BASIC PHOTOGRAPHY 3 F,S
Lecture and lab. Materials charge optional.

Fundamentals of photography with emphasis on design, production, presentation and text.

257 BROADCAST REPORTING 3 F,S, Summer
COM 111, 160, 167 req. Materials charge optional.

Introduction to concepts of news gathering for television and radio to enhance all aspects of experiential learning offered in the department.

260 MASS COMMUNICATION: CULTURAL CRITICISM AND PROBLEMS 3 F,S
COM 111 and 160 req.

The mass media as a social system. Its impact on the cultural and economic life of the nation. The need for continuing decisions regarding public policy.

262 ADVANCED RADIO APPLICATIONS 3 F,S
COM 111, 160, 162 req. Materials charge optional.

Examination of copywriting and radio production techniques. Exploration of on-air personalities and styles, radio station imaging, and promotions.

263 ADVANCED TELEVISION PRODUCTION 3 F,S
COM 111, 160, and 163 req; 2 hrs lecture; 4 hrs lab. Materials charge optional.

Creating visual appeal through the television medium. Aesthetics in preparing television programs. Advanced producing/ directing techniques in commercial broadcasting and television as an art form.

264 BROADCAST AND CABLE PROGRAMMING**3 F,S***COM 111 and 160 req. Materials charge optional.*

Format and scheduling of programs as practiced by station, cable, and network management and viewed from the perspective of the advertiser, the manager, the consumer, and the government.

265 REPORTING II**3 F,S***COM 111, 160, and 165 req.*

Advanced training in newsgathering and news writing with practical application.

266 ADVANCED PHOTOGRAPHY**3 S***COM 241 or cons of inst req. Lecture and lab. Materials charge optional.*

A study of the concepts, processes and techniques used to produce or select photographs for use in other forms of media.

267 BROADCAST NEWS II**3 F,S***COM 111, 160, 167, or cons inst req. Materials charge optional.*

Refinement of skills in broadcast news through laboratory work on daily television newscasts.

268 PUBLIC RELATIONS WRITING AND PRODUCTION**3 F,S***COM 111 and 165 req. Formerly COMMUNITY RELATIONS. Materials charge optional.*

Public relations functions, ethics, and writing of new releases, newsletters, brochures, and other publications for employees and communities.

269 SPECIALIZED PUBLICATIONS**3 F,S***COM 111 and 165 req. Materials charge optional.*

Training in editing, management, production, and finance of magazine, small newspapers, and annual reports. Instruction applicable to advisement of school publications.

270 DOCUMENTARY IN FILM AND BROADCASTING**3 F***Also offered as THE 270.*

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

271 BROADCAST PERFORMANCE**3 F,S,Summer***COM 111, 160, 161 req. Materials charge optional.*

Introduction to basic concepts of on-air performance for television and radio to enhance students' experiential learning in broadcast concentrations.

275 SELECTED TOPICS IN PUBLIC RELATIONS**3 F,S***COM 111 req. May be repeated if content different.*

Examination of various genres of public relations and representative case studies in public relations.

281 PRINCIPLES OF SPEECH EDUCATION**3 F***C or better in C&I 214, 215, 216, and PSY 215 (6 hrs) or conc reg req. Incl Clin Exp: 10 hrs, Type 1-6, 9. Adm to Teacher Ed req.*

Methods and materials for teaching secondary speech communication. Planning and applying strategies, methods of measurement, classroom criticism of performance, selection and compilation of materials.

283 COMMUNICATION IN THE CLASSROOM**3 S***C or better in COM 110, 45 hrs, and declared Teacher Ed Maj req.*

Theory and practice in developing communication competencies in an academic setting. Preparation and presentation of various instructional strategies for diverse audiences.

296 INDEPENDENT RESEARCH IN COMMUNICATION**3 F,S***Project approval by dept chair and inst prior to reg.***297 COMMUNICATION RESEARCH METHODS****3 F,S***COM 111 req.*

Methods of scholarly research and critical evaluation of research.

298 PROFESSIONAL PRACTICE: PUBLIC RELATIONS**3 F,S***COM 111 req.*

Training and participation in public relations management and campaign activities. Emphasis: professional activities and competition opportunities at local, national levels.

302 COMMUNICATION CRITICISM**3 S***COM 111 req.*

Developing critical skills for describing, interpreting, and evaluating communication from different theoretical perspectives.

303 CONTROVERSY AND CONTEMPORARY SOCIETY**3 S***COM 111 req.*

Contemporary communication on current significant, controversial issues.

304 FREEDOM OF SPEECH AND PRESS**3 F,S***COM 111 req.*

First Amendment rights. Emphasis on Supreme Court decisions relating to political dissent, obscenity, provocation and demonstration, and press freedom.

318 SOCIAL DYNAMICS OF COMMUNICATION TECHNOLOGIES**3 S***COM 218 or cons inst req.*

Examination of social dynamics of mediated communication emphasizing implications of new communication technologies for social institutions and social change.

321 CAMPAIGN COMMUNICATION AND MESSAGE DESIGN**3 F,S***COM 111 req. Formerly MESSAGE COMPOSITION.*

Application of theory and research to campaign strategy and message design. Emphasis: ethical, informative, and persuasive messages in commercial, political, and social issue campaigns.

323 THEORY AND RESEARCH IN SMALL GROUP COMMUNICATION**3 S***COM 111 and 297 req.*

Theoretical and experimental literature dealing with small group communication processes.

- 324 THEORY AND RESEARCH IN PERSUASION** 3 F
COM 111 and 297 req.
Survey of contemporary theoretical and empirical literature dealing with the question of how an individual's attitudes, beliefs, and social behaviors are affected by communication.
- 325 THEORY AND RESEARCH IN INTERPERSONAL COMMUNICATION** 3 S
COM 111 and 297 req.
Interpersonal communication and research and its implications for developing, maintaining, and terminating relationships. Focus on developing communicative competence.
- 329 ORGANIZATIONAL COMMUNICATION** 3 F,S
COM 111 req.
Theoretical and experimental literature dealing with communication in an organizational setting.
- 331 HUMAN COMMUNICATION AND THE AGING PROCESS** 3 F,S
COM 111 or SOC 211 req.
An examination of the particular communication needs of the aging and current research in the field.
- 340 COMMUNITY RELATIONS** 3 F
COM 111 and 297 req.
Basic principles, problems, and practices used in developing and implementing successful community relations programs for organizations in the 21st Century.
- 350 PUBLIC OPINION ISSUES** 3 F
COM 111 and 297 req.
Contemporary conceptions of public opinion and the processes of opinion creation, maintenance, and expression through communication.
- 355 INTERNATIONAL PUBLIC RELATIONS** 3 S
COM 111 and 178 or cons inst req.
Theory and research related to the practice of public relations across cultural and national boundaries. Application of theory to practical problems.
- 358 CRISIS COMMUNICATION** 3 F
COM 178 and 268 req.
An advanced examination of the use of communication in planning, managing and responding to organization crises.
- 360 MASS COMMUNICATION: THEORY AND EFFECTS** 3 F,S
COM 111, 160, and 260 req.
Critical examination of channel and receiver variables and their effects on the act of moving information through a given medium. Students participate in at least one research project of their design.
- 361 REGULATION OF THE COMMUNICATION INDUSTRY** 3 F,S
COM 111 and 160 req.
The legal background of mass media, specific laws affecting media operations, and industry efforts at self regulation.
- 362 NON-BROADCAST TELEVISION** 3 F
COM 111 req. Lecture and lab.
Theory and practice of non-broadcast television with emphasis on equipment, production processes and effectiveness as a medium of communication for business, education and medicine.
- 363 PRIVACY AND INFORMATION PROCESSING** 3 F
COM 111 req.
Concepts about individual privacy as related to the processing of information in a technological society. The study of institutional procedures with regard to the dissemination of sensitive information.
- 364 BROADCAST AND MANAGEMENT** 3 S
COM 111, 160, and 264 req.
Role and functions of broadcast media managers in society.
- 365 GRAPHIC COMMUNICATION I** 3 F
COM 240 req. Lecture and lab. Materials charge optional.
History, theory, principles and practices of visual communication applied to graphic media with emphasis on fundamental skills and techniques.
- 366 GRAPHIC COMMUNICATION II** 3 S
COM 365 req. Lecture and lab. Materials charge optional.
Development of graphic media solutions to visual communication problems by integrating design skills, visual communication theory and knowledge of materials.
- 367 ETHICAL PROBLEMS IN MASS COMMUNICATION** 3 F,S
COM 111; PHI 138 or cons inst req.
Analysis of ethical problems in news, entertainment, and persuasive media. Students develop analytical skills using cases and research projects.
- 369 INTERNATIONAL COMMUNICATION SYSTEMS** 3 S
COM 111 req.
Mass communication systems employed in foreign countries, their roles in national and international social and cultural development.
- 370 PSYCHOLOGY OF LANGUAGE** 3 S
COM 111 and 297 req.
Theories and experimental research relating to the development and function of language.
- 371 POLITICAL COMMUNICATION** 3 F
COM 111 req; 6 hrs COM or 6 hrs POL rec.
Basic theory and research relating to political campaign communication. Special attention is paid to the persuasive process of political campaigning focusing upon the role of the media, the candidate, image creation and other selected topics on political campaign communication.
- 372 INTERCULTURAL COMMUNICATION** 3 F,S
COM 111 and 297 req.
Theories and research relating to face-to-face communication among people from different cultural, national, ethnic, or racial backgrounds.

**378 PUBLIC RELATIONS
MANAGEMENT** **3 F,S**
COM 111, 161, 178, and 268 req.

Principles and procedures for the professional practice of ethical public relations via a case study approach. Students complete a campaign project using principles of public relations management.

**381 PROBLEMS IN THE TEACHING
OF COMMUNICATION** **3 S**
*C or better in C&I 214, 215, 216; and PSY 215 (6 hrs)
or conc reg req.*

Identification of common and unique problems in teaching communication concepts and skills. Approaches to resolving classroom problems.

385 EDITORIAL AND FEATURE WRITING **3 F,S**
COM 111, 165, and 265 req.

Advanced training in writing feature articles and editorials for newspapers and magazines.

**398 PROFESSIONAL PRACTICE:
COMMUNICATION** **1-12 F,S**
*Complete dept application prior to reg. Max 3-6 hrs Prof
Pract applicable to maj; 16 hrs applicable to graduation.
Inc Clin Exp: 55 hrs, Type 1-9. Materials charge
optional.*

Arranged on-campus practical experience under the guidance of department academic supervisors.

**398.01 PROFESSIONAL PRACTICE: ON-CAMPUS
INTERNSHIP IN COMMUNICATION**
**398.02 PROFESSIONAL PRACTICE: OFF-CAMPUS
INTERNSHIP IN COMMUNICATION**

ECONOMICS (ECO) 420

425 Stevenson Hall, (309) 438-8625

Web address: www.econ.ilstu.edu/

Chairperson: David Ramsey.

Tenured/Tenure-track Faculty:

Distinguished Professor: Ram.

Professors: Chizmar, Cohn, Goel, Hiebert, Ostrosky, Skaggs.

Associate Professors: Carlson, Mohammadi, Ramsey, Rich.

Assistant Professors: Loomis, Toole, Zhang.

General Department Information

Undergraduate Program Director: J. Lon Carlson

Office: Stevenson Hall 439-A

Academic Requirements:

Majoring in Economics helps you develop important skills, including critical thinking and analytical reasoning. These general skills are valuable for any job or occupation. Thus, a degree in Economics provides you with the flexibility to adapt in a changing environment and take advantage of new opportunities. This flexibility is important because, if you are typical, you will change jobs or occupations about six times in your lifetime.

One of the main advantages of an Economics degree is the wide range of careers that are available to graduates. Economics majors find jobs in a variety of settings, including private industry; federal, state, and local government; international organizations and education. Over the past several years, graduates of the Economics program at Illinois State University have pursued a variety of careers, including positions in entry-level business/management, sales, data processing, staff analysis and research, and teaching. An undergraduate degree in economics is also excellent preparation for students who plan to pursue graduate-level studies in economics, business, and law.

Besides providing flexibility in the job market, the Economics major provides you with flexibility in your academic career. Only 31 hours are required for the major and only 18 hours are required for the minor. Specific course requirements for the major and the minor are indicated below. The low number of hours required for the Economics Major or Minor gives you the flexibility to combine it with a major or minor in other disciplines to design your academic program to fit your life goals.

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences is administered in the Department of History in cooperation with the Departments of Economics; Geography; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Economics participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Geography-Geology advisor as well as the section entitled "Minor in Environmental Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Economics participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN ECONOMICS

Candidates for honors must be Economics majors with a GPA of 3.30 overall and 3.75 or higher in Economics courses. Students will be expected to complete 6 hours of coursework designated as honors coursework within the Department of Economics. These could be ECO 101 and 102 or 105 honors, or 2 in-course honors at the 200- or 300-level. The in-course honors requires individual negotiation with a faculty member teaching the course. In addition, the achievement of honors requires the writing of a substantial original paper. The student

will enroll in Independent Honors Study and will receive help from an assigned faculty member. At the end of the semester the student will make an oral presentation of the paper to a meeting of Omicron Delta Epsilon, the Economics Honor Society. One copy of the original paper will be kept in the Department office and be available for inspection. Honors credit will show on the official transcript and will be stated on the diploma.

Economics Programs

Degrees Offered: B.A., B.S.

MAJOR IN ECONOMICS

- 31 hours required.
- Required courses: ECO 105, 138, 240, 241, 300; one 3-hour 300-level ECO course; and MAT 121 or 145.
- A grade of C or better must be earned in ECO 240, 241, and 300.
- 3 elective ECO courses at the 200- or 300-level are required in addition to the required 3-hour 300-level course.
- At least 15 hours of senior college credit from the Illinois State University Department of Economics must be completed. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

Concentrations:

A major or minor degree in Economics is an excellent complement to a variety of other majors or customized sets of courses. Economics majors may elect (but are not required to elect) one of the following concentrations. Although no specific courses are required for these concentrations, recommended courses for each are listed below:

1. **Business Economics:** Economic electives: ECO 215, 238, 239 and 320 plus ACC 131 and 132; ENG 249; FIL 208, 218, and 240; and ACS 168.
2. **Electricity, Natural Gas, and Telecommunications Economics:** Economics electives: ECO 235, 238, 239, 320, and 335 plus ACC 131 and 132; ENG 249; and FIL 240, 242 and 347.
3. **Graduate School Preparation:** Economic electives: ECO 238, 330 and 331 plus ENG 249; and MAT 146, 147, 175, 350 and 356.
4. **Human Resources:** Economics electives: ECO 225, 238, 326, and 327 plus ENG 249; FIL 313; MQM 323 and 324; and PSY 220.
5. **International Economics:** Economic electives: ECO 205, 245, 345 and 346 plus ENG 249; INB 190; MQM 350; POL 151 and proficiency in a foreign language.
6. **Pre-Law:** Economic electives: ECO 220, 235, 320 and 335 plus COM 202; ENG 249; FIL 208 and 209; and POL 216 and 218.
7. **Public Policy:** Economic electives: ECO 205, 238, 255, 329, 351 and 355 plus ENG 249; FIL 311; and POL 232, 312 and 318.

MINOR IN ECONOMICS

- 18 hours in Economics required.
- Required course: ECO 105.
- MAT 121 or 145 may be, but are not required to be, used for 4 hours of credit toward the minor.
- ECO 103 may not be counted toward the minor.

MINOR IN ECONOMICS

For Teacher Education:

- Program requirements are the same as those for the Minor in Economics.

Economics Courses

101 PRINCIPLES OF

MICROECONOMICS

3 F,S

Supply and demand, determination of market prices and quantities traded; behavior of consumers, and of producers under various product market structures; resource markets; distribution of income; international trade.

102 PRINCIPLES OF

MACROECONOMICS

3 F,S

ECO 101 req. Formerly ECO 100.

Determination of gross domestic product (GDP), unemployment and inflation; the banking system; fiscal, monetary, and other macroeconomic policy; international finance and policy.

103 INDIVIDUAL AND

SOCIAL CHOICE

MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences.

105 PRINCIPLES OF ECONOMICS

4 F,S

Not for cr if had ECO 101 and 102.

Supply and demand in product and resource markets, international trade, determination of GDP, employment, inflation and economic growth.

138 SOCIAL SCIENCE REASONING

USING STATISTICS

MC-QR 4 F,S

IDS 100; MAT 111, 120, 130, or 145 req. Also offered as GEO/POL/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

202 CURRENT ECONOMIC ISSUES 3 Summer

ECO 101 and 102, or 105 req.

Application of introductory principles to world economic problems, such as energy, pollution, poverty and unemployment.

205 DEVELOPMENT ECONOMICS 3 F or S*ECO 101 and 102, or 105 req.*

Principal determinants of economic development and problems associated with generating and accelerating economic growth in less developed areas.

210 COMPARATIVE ECONOMIC SYSTEMS 3 F or S*ECO 101 and 102, or 105 req.*

Comparative analysis of several types of economic systems. Discussion of alternative models of economic decision-making. Case studies of such economies as China, Japan, South Africa, Sweden, Russia, and Yugoslavia.

215 MONEY AND BANKING 3 F or S*ECO 101 and 102, or 105 req.*

Development and growth of the monetary system. Emphasis on monetary theory and applied policy issues.

220 LAW AND ECONOMICS 3 F or S*ECO 101 or 105 req.*

Overview of economic analysis of topics in the common law including property, contract, tort and criminal law.

225 LABOR ECONOMICS AND LABOR PROBLEMS 3 F or S*ECO 101 and 102, or 105 req.*

Economic aspects of labor and trade unionism. Emphasis on wage determination, bargaining, manpower and unions.

228 DEMOGRAPHIC ECONOMICS 3 F or S*ECO 101 or 105 req. Formerly ECO 328.*

Theoretical and empirical study of the economics of population changes, distributions, and characteristics. Population dynamics, policy issues, and economic consequences.

235 TELECOMMUNICATIONS ECONOMICS AND PUBLIC POLICY 3 F or S*ECO 101 or 105 req.*

Introduction to economics and public policy issues confronting the telecommunications industry, including legal aspects, standards, privacy and security issues.

238 USING ECONOMETRICS 4 F or S*ECO 101 and 102, or 105 req; ECO/GEO/POL/PSY 138 req.*

Non-theoretical study of the basic concepts of econometrics and, in particular, regression analysis, which emphasizes real-world applications, statistical computing, and learning-by-doing.

239 MANAGERIAL ECONOMICS 3 F or S*ECO 101 or 105 req; MAT 121 or 145; and ECO/GEO/ POL/ PSY 138 req.*

Theoretical and applied study of demand, cost, and production related to the theory of the firm. Developments of current interest; empirical studies intended to affirm or disaffirm applicability of economic principles.

240 INTERMEDIATE MICROECONOMIC THEORY 3 F,S*ECO 101 or 102, or 105; ECO/GEO/POL/PSY 138 or ECO 131 or MQM 100; and MAT 121 or 145 req.*

Emphasis on topics regarding resource allocation, scarcity, and distribution of income; theory of consumer choice, theory of the firm, market structures, factor markets, distribution of income, welfare economics, and general equilibrium.

241 INTERMEDIATE MACROECONOMIC THEORY 3 F,S*ECO 101 and 102, or 105; ECO/GEO/POL/PSY 138 or ECO 131 or MQM 100; and MAT 121 or 145 req.*

Theory of income, employment, interest rate and price level determination. The government's influence on these variables via monetary and fiscal policies.

245 THE INTERNATIONAL ECONOMY 3 F or S*ECO 101 and 102, or 105 req.*

Economic aspects of international issues and problems. Analysis of international trade, trade restrictions, exchange rates and the balance of payments.

255 INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS 3 F or S*ECO 101 or 105 req.*

Overview of natural resource and environmental economics. Topics include management of renewable and nonrenewable resources and the economically efficient approach to pollution control.

300 SENIOR PROJECT 1 F,S*ECO 240 and 241 req.*

Taken concurrently with a 300-level Economic course. Involves independent out-of-class work on a project designed in consultation with the instructor in the concurrent 300-level course.

300.01 SOCIAL SCIENCE SEMINAR 3 F or S

SSC maj req. ECO 131, or ECO/GEO/POL/PSY 138, or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as GEO/HIS/ POL/SOC 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

320 INDUSTRIAL ORGANIZATION 3 F or S*One 200-level ECO course req.*

Theoretical and empirical analysis of basic influences on industrial markets and performances. Market practices, the role of competition, and related policy issues.

326 ECONOMICS OF HUMAN RESOURCES 3 F or S*ECO 225 or 240 req.*

Theoretical and empirical analysis of labor markets. Education and training, labor mobility, wage structure, discrimination, unemployment, wage and incomes policies.

327 COLLECTIVE BARGAINING AND INDUSTRIAL RELATIONS 3 F or S
ECO 225 or 240 req.

Economic analysis of U.S. industrial relations system; determinants of its structure; collective bargaining environment; trade union structure, administration, growth and power.

329 ECONOMICS ISSUES IN EDUCATION 3 F or S
ECO 225 or 240 req.

Analysis of economic issues in education including efficiency and equity, public vs. private provision of educational services, and education as human capital.

331 INTERMEDIATE ECONOMIC STATISTICS 3 F
ECO 101 and 102, or 105; ECO 131 or ECO/GEO/POL/PSY 138; and MAT 121 or 145 req.

Intermediate level probability and sampling theory. Hypothesis testing. Estimation. Basic econometric principles. Use of common regression packages such as SPSS.

335 ECONOMICS OF REGULATION AND ANTITRUST 3 F or S
ECO 240 req. Formerly ECONOMICS OF TRANSPORTATION AND PUBLIC UTILITIES.

The origins, aims, methods, and effects of economic regulation and antitrust, with an emphasis on case studies.

339 ORGANIZATIONAL ECONOMICS 3 F or S
ECO 239 or 240 req.

Economic analysis of firm boundaries, make or buy decisions, incentive contracts and supply relationships, repeated interaction and reputations, organizational structure and related management applications.

345 INTERNATIONAL TRADE 3 F or S
ECO 240 or 245 req.

Causes and consequences of international trade. Analysis of tariffs, quotas, other trade restrictions, current trade policy and multinational corporations.

346 INTERNATIONAL FINANCE 3 F or S
ECO 241 or 245 req.

Mechanisms of international payments and evaluation of the international monetary system. Topics include exchange rates, balance of payments, international monetary cooperation, and connections between the domestic and international economy.

350 PUBLIC FINANCE 3 F or S
One 200-level ECO course req.

Analysis of the economic impacts of government expenditures and taxes on the allocation of resources and the distribution of income.

351 STATE AND LOCAL FINANCE 3 F or S
One 200-level ECO course req.

Economic impacts of state and local government expenditures and taxes, cost benefit analysis, and intergovernmental fiscal relations.

353 THE ANALYSIS OF TIME SERIES 4 F or S
ECO 101 and 102, or 105; ECO 331 or MAT 350 or cons inst req. Also offered as MAT 353.

Theory and application of regression and time series methods with reference to business and economic time series. Topics include regression, exponential smoothing, and Box-Jenkins methods. A computer statistical package will be used.

355 ENVIRONMENTAL ECONOMICS 3 F or S
One 200-level ECO course req.

Theoretical and empirical analysis of environmental pollution generation and of corrective policies. Emphasis upon the resource allocation implications of public policy decisions.

360 HISTORY OF THE AMERICAN ECONOMY 3 F or S
Two 200-level ECO courses or cons inst req.

Recent empirical studies and applications of economic theory to historical problems in an American context. Causes of the Great Depression, economics of slavery, and roles of agriculture, industry, and government in growth.

372 HISTORY OF ECONOMIC THOUGHT 3 F or S
Two 200-level ECO courses or cons inst req.

Economic analysis from the Mercantilists to the American Institutionalists. Relates earlier schools of thought to the contemporary.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ECONOMIC RESEARCH 1-6 F,S
ECO maj/min and cons dept Prof Pract Coord req; 2.2 GPA, and 50 hrs cr req. CR/NC only; not for cr maj/min; must complete dept application.

On-the-job experience as a practicing economist in private industry or government. Interns may be involved in all phases and types of economic research.

ENGLISH (ENG) 424

409 Stevenson Hall, (309) 438-3667

Web address: www.english.ilstu.eduEmail address: rforutne@ilstu.edu**Chairperson:** Ron Fortune**Tenured/Tenure-track Faculty:***Distinguished Professors:* Getsi, R. Tarr*Professors:* I. Brosnahan, L. Brosnahan, Dammers, Fortune, C. Harris, V. Harris, Hawkins, Hesse, Kalmbach, Neuleib, Rutter, Scharton, Shields, Strickland, Trites, White.*Associate Professors:* Brasseur, Broad, Cruz, Huff, McBride, McLaughlin, Saunders, Savage, Susina, A. Tarr, Thompson.*Assistant Professors:* Breu, Burt, Coats, Demirci, DeSantis, Dunn, Hassan, Jung, Justice, Kalter, Kim, Lindblom, Ressler, Stone, Tolson, Ward, Zona.**General Department Information****MINOR IN COGNITIVE SCIENCE**

The Department of English participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN ENGLISH

The Department of English offers honors work to qualified students. Honors work includes intensive study in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report and/or examination. Honors work is open only to resident students who have achieved superior academic records and who have demonstrated the ability to profit from independent study.

ENGLISH LANGUAGE INSTITUTE

Under the auspices of the Department of English, the English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a TOEFL score of 550 (paper based) or 213 (computer based) can be admitted to a graduate degree program at the University, provided they also meet the other requirements for admission. Hence, international

students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University.

English Programs

Degrees Offered: B.A., all English majors; B.S., restricted as an option to students in the Teacher Certification Sequence.

MAJOR IN ENGLISH

- 40 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with C or better and 300.
- 9 hours selected from ENG 283, 284, 285, 286.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from ENG 241, 243, 245, 310, 311, 341.
- 3 hours in advanced writing selected from 246, 247, 248, 249.
- Of the remaining 12 hours, at least 6 hours of electives at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their electives.

Publishing and the Nonprofit Literary Arts Sequence

This program is designed to prepare graduates for careers in publishing and the nonprofit literary arts.

- 55 hours required.
- 16 hours in English core: ENG 100, 300, and 9 hours selected from ENG 283, 284, 285, and 286.
- 18 hours of required sequence courses: ENG 244, 249, 247 or 347.01 or 347.02, 350, 351, 354.
- 12 hours of literature with a national/historical focus:
 - 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 328, 332, 336.
 A course in contemporary American literature is strongly recommended for students in this program.
 - 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 325, 327, 328, 329, 378, 386, 387, 388. A course in contemporary British literature is strongly recommended for students in this program.
 - Electives (6 hours) selected from the above courses to the extent these courses have not been used to meet the 6-hour requirement previously listed; 250, 251, 252, 255, 260, 261, 271, 272, 352, 360, 370, 372, 375.
- 9 hours ENG 398, Professional Practice.

Teacher Certification Sequence:

- To graduate in the English Major.
- GPA of 2.5 in all English courses taken at Illinois State University required.

- 46 hours in English required, *exclusive* of ENG 101.
- Completion of entitlement program leading to certification: secondary 6-12.
- Required courses for certification and accreditation: ENG 243, 246, 285, 296, and 297. ENG 296 and 297 must be completed with a C or better; these courses include 35 clock-hours of state-mandated pre-student teaching Clinical Experiences.
- Additional required courses: ENG 100 with C or better and 300.
 - 6 hours selected from ENG 283, 284, 286.
 - 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 325, 327, 328, 329, 378, 386, 387, 388. ENG 110 is *strongly recommended* for students who have not taken a high school or community college survey course in British literature.
 - 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 328, 332, 336, 365. ENG 130 is *strongly recommended* for students who have not taken a high school or community college survey course in American literature.
 - 3 hours in language and linguistics selected from ENG 241, 310.
 - 3 hours in multicultural literature selected from: 206, 255, 261, 352, 374.
 - 3 hours in adolescent literature: ENG 375.
 - The remaining 3 hours of elective must be completed at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their electives. ENG 247 is *strongly recommended* for students who have not taken a high school or community college course in creative writing.

MINOR IN ENGLISH

- 18 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; at least 9 hours of the remaining 12 hours must be completed at the 200-through 300-level.

MINOR IN ENGLISH

For Teacher Education:

- 24 hours in English required, *exclusive* of ENG 101.
- 2.5 GPA in all English courses taken at Illinois State University.
- Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; ENG 243; 3 hours in composition selected from ENG 246, 291, 297; at least 6 hours of 200- through 300-level courses. To meet state requirements, a course in American literature, British literature, and dramatics is strongly recommended.

MINOR IN COMPARATIVE LITERATURE

- 19 hours required.
- A maximum of 9 hours may overlap with a major in English or Foreign Languages.
- Foreign Language requirement (4 hours): FOR 116 or equivalent.
- Required core (3 hours): ENG/FOR 256.
- Core Comparative Literature electives (6 hours) 2 of the following: ENG/FOR 257, 258, 259.
- Foreign Language literature course (3 hours): 1 of the following FOR courses: FR 220, 221, 222; GER 211, 222; LAT 221, 222; SPA 233, 253, 254, 255 or any FOR literature course at the 300-level.
- Elective (3 hours) 1 of the following: ENG/FOR 257, 258 or 259 (if not used to fulfill the core requirement); a second FOR literature course from the list above; ENG 252, 255 or 352.
- Minimum 2.5 GPA in FOR 111-116.

MINOR IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Students enrolling in this program must have at least 2 years of a foreign language or equivalent at the college level in the case of a native speaker of English, or demonstrated proficiency in English at a level commensurate with the student's role as a language model and instructor in the case of a non-native speaker of English.

- 18 hours required.
- Required courses: ENG 341, 343, 344, 345, and 346; 3 hours selected from ENG 241, 243, 310, 440, and COM 370.
- Elective practicum ENG 394.

Approval Certificate in Teaching English as a Second Language:

Students of both graduate and undergraduate standing may obtain an Illinois State Approval for Teaching English as a Second Language by fulfilling the following requirements: (1) fulfill Teacher Education Certification requirements of either the Standard Elementary and/or High School Certificate, (2) complete the 18 hours of required coursework as listed in the minor in TESOL above, and (3) obtain 100 clock hours of ESL Clinical Experience or 3 months of teaching experience in English as a Second Language at the appropriate level. This practical experience may be obtained by enrolling in ENG 394.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following

legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN WRITING

Courses taken for the Writing Minor may not count for the English Major.

- 24 hours required.
- 6 hours selected from ENG 246, 247, 249.
- 6 hours selected from one of the following areas:
Creative Writing: ENG 347.01, 347.02, 348.
Rhetoric and Composition: ENG 145, 243, 244, 248, 283, 391, 392.
Technical Writing: ENG 349, 350, 351, 353.
- 9 hours of electives in writing. May include any of the above courses, ENG 398, and up to six hours in writing courses from other departments: COM 165, 166, 265, 268, 269, 321, 385.
- ENG 396.

English Courses

The courses offered by the Department of English fall into three categories: those for the General Education Program, those for major and minor fields, and those for specialized aspects in English. English 101 is required of all students for the General Education Program, and it is strongly recommended that students take 101 before taking further courses in English.

100 INTRODUCTION TO ENGLISH STUDIES 3 F,S

English maj/min only.

Introduction to literature, rhetoric, and language and to the concept of English Studies.

101 LANGUAGE AND COMPOSITION IC 3 F,S,Summer

IDS 100 or conc reg req. Students with an ACT-ENG sub score of 20 (or equiv SAT verbal score) and below are req to take the English Placement Exam before registration; students with a sub score of 21 and above are req to take the exam after registration. Writing skills of all students will be assessed. Not for cr maj/min. May not be taken under the CT/NC option.

Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted.

104 INTRODUCTION TO LITERATURE: POETRY AND DRAMA 3

Not for cr maj/min or if had ENG 100.

Critical and analytical study of the chief literary forms of poetry and drama; written essays.

105 INTRODUCTION TO LITERATURE: PROSE FICTION 3

Not for cr maj/min or if had ENG 100.

Critical and analytical study of the chief literary forms of the short story and novel; written essays.

106 INTRODUCTION TO LITERATURE: LITERARY THEMES AND TOPICS 3

Not for cr maj/min. May be repeated once if topic and content are different.

A critical and analytical study of literary works based on a particular theme or topic; written essays.

107 LITERATURE AND FILM 3 F,S

Not for cr maj/min.

A critical and analytical study of literary works and the films adapted from them with attention to the characteristics of each medium; written essays.

110 MASTERPIECES OF ENGLISH LITERATURE 3 F,S

A chronological study of the main movements in English literature. Readings of entire works representative of the movements.

122 INTRODUCTION TO SHAKESPEARE 3

Not for cr maj/min.

An introduction to Shakespeare as a literary and dramatic writer, through a study of representative plays.

125 LITERARY NARRATIVE MC-LH 3 F,S

IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as FOR 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S

IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/FOR 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

130 MASTERPIECES OF AMERICAN LITERATURE 3 F,S

A chronological study of the main movements in American literature. Readings of entire works representative of the movements.

- 131 AMERICAN CULTURE: TRADITIONS AND TEXTS** MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

- 141 HUMAN LANGUAGE** 3

Not for cr Teacher Certification Seq.

Introduction to the study of human language, the branches of the field, its past, present, and future.

- 143 UNITY AND DIVERSITY IN LANGUAGE** OC-KD/SS 3 F,S
Inner Core req. Also offered as ANT/FOR 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

- 145 LANGUAGE AND COMPOSITION II** 3 F,S
ENG 101 req.

Introduction to research-based writing for multiple academic audiences. Computer-assisted.

- 150. MASTERPIECES OF WORLD LITERATURE TO 1350** 3

Readings in ancient and medieval literature, including Dante.

- 160 WOMEN IN LITERATURE** 3

Female experiences in literature. A variety of genres and historical periods.

- 165 AFRICAN-AMERICAN LITERATURE** 3 F,S
Contributions to American literature by representative African-American authors, with emphasis on the 20th century.

- 170 FOUNDATIONS IN LITERATURE FOR CHILDREN** 3 F,S

Prose and poetry for children ages 5-14; emphasis on classics, best of the 20th century works, folklore heritage, and mythology.

- 201 SPECIALIZED KNOWLEDGE AND INTEGRATIVE CONTEXTS IN ENGLISH STUDIES** 3

C or better in ENG 100 or cons dept chair req.

Study of a specialized topic (a writer, a literary form, a concept in linguistics or in writing, etc) from several disciplinary perspectives within English Studies.

- 206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as FOR 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

- 213 MEDIEVAL ENGLISH LITERATURE AND CULTURE** 3

C or better in ENG 100 or cons dept chair req.

English literature during the Middle Ages from the 8th century to the 15th. Readings in translation from Old and Middle English.

- 214 LITERATURE OF THE RENAISSANCE** 3

C or better in ENG 100 or cons dept chair req.

English literature during the 15th and 16th centuries; the dramatic literature exclusive of Shakespeare, prose and poetic writings.

- 215 LITERATURE OF THE SEVENTEENTH CENTURY** 3

C or better in ENG 100 or cons dept chair req.

Prose and verse writers of the 17th century. Chief attention to the Cavalier and Metaphysical poets and major prose works.

- 216 LITERATURE OF THE EIGHTEENTH CENTURY** 3

C or better in ENG 100 or cons dept chair req.

English literature from 1660 to 1780, the Augustan Age. Chief attention to Dryden, Pope, Swift, and Johnson.

- 217 LITERATURE OF THE ROMANTIC PERIOD** 3

C or better in ENG 100 or cons dept chair req.

Writers of England, 1780 to 1830—the Romantic reaction. Chief attention to Wordsworth, Coleridge, Byron, Shelley, Keats, and Scott.

- 218 LITERATURE OF THE VICTORIAN PERIOD** 3

C or better in ENG 100 or cons dept chair req.

Emphasis on the poetry of Tennyson, Browning, Arnold, and the Pre-Raphaelites, with some attention to the chief prose writers of the period.

- 219 CONTEMPORARY ENGLISH LITERATURE** 3

C or better in ENG 100 or cons dept chair req.

Major English writers of the 20th century with attention to contemporary trends in thought and expression.

- 222 SHAKESPEARE'S EARLIER WORKS** 3

C or better in ENG 100 or cons dept chair req.

Selected works through 1600 with emphasis on comedies and histories.

- 223 SHAKESPEARE'S LATER WORKS** 3

C or better in ENG 100 or cons dept chair req.

Selected plays after 1600 with emphasis on tragedies.

- 229 INTRODUCTION TO LITERARY GENRES** OC-KD/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.

Formal and historical study of literary genres—poetry, drama, prose narrative—as structures of knowledge.

- 231 AMERICAN LITERATURE:**
1607-1830 3
C or better in ENG 100 or cons dept chair req.
Colonial American writers and Neo-Classicism in America from the beginnings of American literature to Washington Irving.
- 232 AMERICAN LITERATURE:**
1830-1870 3
C or better in ENG 100 or cons dept chair req.
Main figures and movements of mid-19th century American literature. Emphasis on Hawthorne, Melville, Poe, Emerson, and Whitman.
- 233 AMERICAN LITERATURE:**
1870-1920 3
C or better in ENG 100 or cons dept chair req.
The rise of realism and naturalism in America. Emphasis on writers such as Twain, Crane, Norris, James, Howells, Dreiser, and the chief poetic movements.
- 234 AMERICAN LITERATURE:**
1920-1945 3
C or better in ENG 100 or cons dept chair req.
Trends in American literature between the World Wars. Emphasis on Eliot, Hemingway, Faulkner, and their contemporaries.
- 236 AMERICAN LITERATURE:**
1945-PRESENT 3
C or better in ENG 100 or cons dept chair req.
Present-day trends in American literature.
- 241 GROWTH AND STRUCTURE
OF THE ENGLISH LANGUAGE** 3 F,S
An introduction to the history of English designed to help students understand language change and the state of contemporary English.
- 243 TRADITIONAL AND NON-TRADITIONAL
GRAMMARS** 3 F,S
Various grammatical descriptions of English: traditional, structural, and transformational generative systems.
- 244 APPLIED GRAMMAR AND
USAGE FOR WRITERS** 3
ENG 100 or 145 req.
Traditional, structural, and transformational grammars applied to needs of writers. Choosing among alternative grammatical strategies. Usage; semantics of punctuation. Revising.
- 245 SEMANTICS** 3 F,S
Formerly GENERAL SEMANTICS.
The nature of meaning and the functions of language.
- 246 ADVANCED EXPOSITION** 3 F,S
ENG 100 or 145 req.
Extensive writing of essays developed in greater depth and sophistication in subject matter than those written in previous writing courses. Computer-assisted.
- 247 CREATIVE WRITING** 3 F,S
Opportunity for creative writing of various kinds, such as narrative, drama, and verse, determined largely by each student's individual interest.

- 248 PRELAW EXPOSITION** 3 F
ENG 101 req.
Advanced writing course for prelaw students.
- 249 TECHNICAL WRITING I** 3 F,S
ENG 101 req.
Instruction and practice in writing professional papers and reports; attention given to organization, correctness, and acquisition of clear professional style. Computer-assisted.
- 250 LITERATURE OF THE BIBLE I** 3
Major ideas and literary forms of the Old Testament.
- 251 LITERATURE OF THE BIBLE II** 3
Major ideas and literary forms of the Apocrypha and the New Testament.
- 252 WORLD LITERATURE: 1350-1800** 3
C or better in ENG 100 or cons dept chair req.
European literature from the Renaissance through Early Romanticism. A comparative study of literary history, ideas, themes, and genres.
- 255 MODERN WORLD LITERATURE:**
1800-PRESENT 3
C or better in ENG 100 or cons dept chair req.
World literature from later Romanticism through Modernism. A comparative study of literary history, ideas, themes, and genres.
- 256 THEORIES AND METHODS OF
COMPARATIVE LITERATURE** 3
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Also offered as FOR 256.
An introduction to the theories and methods of the study of comparative literature.
- 257 HISTORICAL APPROACHES TO
COMPARATIVE LITERATURE** 3
ENG/FOR 256 req. May be repeated if content differs. Also offered as FOR 257.
Comparative study of world literatures by or across historical period(s).
- 258 CROSS-CULTURAL APPROACHES TO
COMPARATIVE LITERATURE** 3
ENG/FOR 256 req. May be repeated if content differs. Also offered as FOR 258.
Study of world literatures through comparison of works from differing cultural spheres and/or geographic areas.
- 259 CONCEPTUAL APPROACHES TO
COMPARATIVE LITERATURE** 3
ENG/FOR 256 req. May be repeated if content differs. Also offered as FOR 259.
Comparative study of world literatures organized by theme or theoretical focus.
- 260 HISTORY OF LITERATURE
BY WOMEN** 3
Women writers in the Western tradition from the late Middle Ages to the present; emphasis on those writing in English.

261 WOMEN'S LITERATURE IN A GLOBAL CONTEXT OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-LH category req.
 Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction.

265 FOUNDATIONS OF AFRICAN-AMERICAN LITERATURE AND CULTURE 3
C or better in ENG 100 or cons dept. chair req.
 Concepts, themes, generic conventions, and major historical events and figures central to African-American literature and culture.

266 NATIVE AMERICAN LITERATURE AND CULTURE 3
C or better in ENG 100 or cons dept chair req.
 Study of Native American literature, orality, and culture.

271 LITERATURE FOR YOUNG CHILDREN 3 F,S
Does not repeat material of ENG 170.
 Wide reading of books available for children ages 5 to 9, criteria for book selection, development of literature experiences.

272. LITERATURE FOR PRE-ADOLESCENTS 3 F,S
Does not repeat material of ENG 170.
 Wide reading in variety of books available for ages 9 to 14, criteria for book selection, development of literature experiences.

283 RHETORICAL THEORY AND APPLICATIONS 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
 Critical and analytical examination of the nature and historical development of rhetorical theory and its applications to contemporary discourse.

284 POETRY 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
 Critical and analytical examination of the nature and historical development of poetry.

285 DRAMA 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
 Critical and analytical examination of the nature and historical development of drama as a genre.

286 PROSE 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
 Critical and analytical examination of the nature and historical development of prose literature—fiction and non-fiction.

290 LANGUAGE ARTS 3 F,S
 The study of language development and experiences in areas such as thinking, listening, speaking, writing, vocabulary development, usage, and spelling.

295 TEACHING LITERATURE AND WRITING IN THE MIDDLE SCHOOL 3 F
Not to be taken by English Ed maj without permission.
 Surveys recent scholarship on composition and literary theory and examines implications for teaching literature and writing at the middle school level. Computer assisted.

296 THE TEACHING OF LITERATURE 3 F
C or better in C&I 216 or conc reg req. Incl Clin Exp: 18 hrs, Type 1-5 and 9. Adm to Teacher Ed req.
 Examines implications of current scholarship in literary theory for teaching literature at the secondary level.

297 THE TEACHING OF WRITING 3 F
C or better in C&I 216 or conc reg req. Incl Clin Exp: 18 hrs, Type 1-5 and 9. Adm to Teacher Ed req.
 Examines implications of current scholarship in composition theory for teaching writing at the secondary level. Computer assisted.

300 SENIOR SEMINAR 4 F,S
English maj and sr standing or cons dept chair req.
 Intensive study of an announced area and the formulation of an individual portfolio.

308 LITERATURE AND THE RELATED ARTS 3
Jr/sr standing or cons dept chair req.
 Formal, aesthetic, and cultural relationships among literature, art, and music with special emphasis upon literary understanding.

310 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE 3
Jr/sr standing or cons dept chair req.
 Development of the English language from the Old English period to the present, with attention to operational structures of contemporary English.

311 INTRODUCTION TO OLD ENGLISH LANGUAGE AND LITERATURE 3
Jr/sr standing or cons dept chair req.
 Elements of Old English grammar, with selected readings in Old English literature.

320 CHAUCER 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 Literary and linguistic study of the major works of Chaucer; text in Middle English.

324 MILTON 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 Major poetry and prose of John Milton; special attention to "Paradise Lost."

325 ENGLISH DRAMA BEFORE 1642 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 English drama, excluding Shakespeare, from its beginning to the closing of the theatres; authors such as Marlowe, Jonson, Webster.

327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

English drama from 1660 to 1800, including playwrights such as Dryden, Wycherley, Congreve, Goldsmith, and Sheridan.

328 MODERN BRITISH AND AMERICAN DRAMA 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

20th-century British and American drama and related criticism; playwrights such as Shaw, O'Neill, Williams, Albee, Pinter, and Beckett.

329 SELECTED FIGURES IN BRITISH LITERATURE 3

C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.

Important literary figures, genres, or movements.

332 SELECTED FIGURES IN AMERICAN LITERATURE 3

C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.

Important literary figures, genres, or movements.

336 THE AMERICAN NOVEL 3

C or better in ENG 100 and jr/sr standing or cons dept chair req.

Historical survey of major American novelists, including authors such as Twain, Hawthorne, Melville, Crane, Hemingway, Faulkner, and Barth.

341 INTRODUCTION TO DESCRIPTIVE LINGUISTICS 3 F,S

Jr/sr standing or cons dept chair req.

Aims and methods of linguistic science. Nature and functions of language: phonology, morphology, syntax, dialectology. Relationship of language to culture.

342 SOCIOLINGUISTICS 3

Also offered as ANT 342.

Social significance of language variation: regional, social, ethnic dialects; attitudes towards variation. Multilingual societies, language choice, language shift, language planning.

343 CROSS-CULTURAL ASPECTS IN TESOL 3

ENG 241 or 243 or 341 req.

The relationship between language, culture, and cultural awareness in the learning and teaching of English as a Second Language.

344 TESOL: THEORETICAL FOUNDATIONS 3

ENG 243 or 341 req.

Linguistic theories; first and second language acquisition; cognitive, affective, and cultural factors in teaching English as a Second Language.

345 TESOL: METHODS AND MATERIALS 3

ENG 344 req. Inc Clin Exp.

Methodologies and techniques for teaching English as a Second Language; evaluation of materials for various levels and instructional goals.

346 ASSESSMENT AND TESTING IN ESL 3

ENG 341 req.

Assessing oral and written proficiency in English as a Second Language.

347.01 ADVANCED CREATIVE WRITING: POETRY 3 F,S

ENG 247 or grad standing. May be repeated if content different.

Workshop format for individual projects.

347.02 ADVANCED CREATIVE WRITING: PROSE 3 F,S

ENG 247 or grad standing. May be repeated if content different.

Workshop format for individual projects.

348 PLAYWRITING 3

Also offered as THE 348.

Playwriting techniques of selected masters with practical application of techniques in writing original plays.

349 TECHNICAL WRITING II 3 F,S

ENG 249 or grad standing req. Also offered as TEC 349.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Computer-assisted.

350 VISIBLE RHETORIC 3

ENG 246, 247, or 249 or cons inst req.

Study of the visible elements of rhetoric and of publishing as an integrating activity in English. Computer assisted.

351 HYPERTEXT 3

ENG 246, 247, or 249 or cons inst req.

Writing workshop emphasizing the creation of electronic, screen-bound documents. Includes study of interactive literature, on-line documentation, hypermedia, and electronic publishing.

352 SELECTED FIGURES IN WORLD LITERATURE 3

C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.

Important literary figures, genres, or movements.

353 TECHNICAL EDITING 3

ENG 244 or COM 166 or graduate status or cons of inst req.

Theory and practice of editing and management of documentation in industry and other organizational settings. Computer assisted.

354 LITERARY PUBLISHING IN THEORY AND PRACTICE 3

C or better in English 100 and jr./sr. standing or cons dept chair req.

Focus on issues that have shaped contemporary literary publishing.

360 STUDIES IN WOMEN AND LITERATURE 3

Jr/sr standing or cons dept chair req.

Studies in literature by or about women, focusing on stereotyping of male and female experience and developing feminist aesthetic theories.

- 365 MOVEMENTS AND PERIODS IN AFRICAN-AMERICAN LITERATURE AND CULTURE** 3
Jr/sr standing or cons dept chair req; may be repeated if content different.
 Historical survey of major movements and periods in African-American literature.
- 370 STUDIES IN THE HISTORY OF LITERATURE FOR YOUNG PEOPLE** 3
ENG 170 or conc dept chair req. May be repeated if content different.
 Advanced critical, chronological examination of literature for children and adolescents from folklore origins to 1900.
- 372 STUDIES IN CONTEMPORARY LITERATURE FOR YOUNG PEOPLE** 3
ENG 170 or conc dept chair req. May be repeated if content different.
 A problem-centered course, emphasizing trends and research related to recent literature for children and early adolescents.
- 373 VERSE FOR CHILDREN** 3
ENG 170 or cons dept chair req.
 Verse for children and early adolescents, including various categories, elements, and well-known poets in the field.
- 374 STORYTELLING** 3
 The art of storytelling based on knowledge of folklore heritage with experiences in oral transmission of literature in a variety of settings.
- 375 STUDIES IN LITERATURE FOR ADOLESCENTS** 3 F,S
Jr/sr standing or cons dept chair req. May be repeated if content different.
 Advanced critical examination of literature for young adults with emphasis on trends and research.
- 378 SHAKESPEARE ON STAGE** 3 Summer
C or better in ENG 100 and jr/sr stranding or cons dept chair req. May be repeated once. Also offered as THE 378.
 An intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.
- 381 STUDIES IN LITERARY GENRES** 3
C or better in ENG 100 and jr/sr stranding or cons dept chair req. May be repeated if content different.
 Systematic study of theory and practice of a literary type or genre.
- 382 LITERARY CRITICISM** 3
C or better in ENG 100 and jr/sr stranding or cons dept chair req.
 Historical survey of selected great texts in literary and critical theory from Plato to the present.
- 384 INTRODUCTION TO CULTURAL THEORY** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 Introduction to the history and practice of interpretive cultural theory.

- 386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 The English novel from its origins through the 18th century, including writers such as Richardson, Fielding, Smollett, and Sterne.
- 387 THE NINETEENTH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 The English novel between 1800 and 1900, treating writers such as Austen, Thackeray, Dickens, Eliot, and Hardy.
- 388 THE TWENTIETH-CENTURY ENGLISH NOVEL** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 The English novel since 1900, treating writers such as Lawrence, Woolf, Joyce, and Greene.
- 390 RESEARCH STUDIES IN LANGUAGE ARTS** 3
Jr/sr standing or cons dept chair req.
 Critical study of current practice and research in language arts and language development.
- 391 SURVEY OF CLASSICAL RHETORIC** 3 F
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 Rhetorical theories from ancient Greece to 1900, emphasizing Plato, Aristotle, Cicero, and Quintilian.
- 392 MODERN THEORIES OF RHETORIC** 3 S
C or better in ENG 100 and jr/sr standing or cons dept chair req.
 Study of the principles of rhetoric to serve as basis for understanding contemporary rhetorical theories.
- 394 TESOL PRACTICUM** 1-6
ENG 345 req.
 Observation, case studies, tutoring, instructional assistance, and/or direct instruction in English as a Second Language.
- 395 PROBLEMS IN THE TEACHING OF ENGLISH** 3
C or better in ENG 100 and jr/sr standing or cons dept chair req or experience in teaching (student teaching acceptable). May be repeated if topics different.
 Theory and practice in the teaching of language, literature, and composition at the secondary and community college levels.
- 396 THE WRITING SEMINAR** 3 F,S
ENG 246 or grad standing or cons dept chair req.
 Concentration upon a major writing project and the formulation of an individual Writing Portfolio.
- 398 PROFESSIONAL PRACTICE: INTERNSHIP IN ENGLISH** 1-6 F,S
Cons inst and dept chair req. May be repeated; max 6 hrs toward maj/min; max 16 hrs toward graduation.
 Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations.

FOREIGN LANGUAGES (FOR) 430

114 Stevenson Hall, (309) 438-3604

Web address: www.foreignlanguages.ilstu.edu

Email address: foreignlanguages@ilstu.edu

Chairperson: Barbara Kurtz

Tenured/Tenure-track Faculty:

Distinguished Professor: Urey.

Professors: Alstrum, Berry, Bohn, Kurtz, Weeks.

Associate Professors: Davies, Kapanga, Nance, Reid, Segelcke,

Thomas, Trouille, VanderLaan, Widdison.

Assistant Professors: Druker, Heggie, Huempfer, McClennen,

Mir, Pancrazio, Pao, Siegel.

General Department Information

HONORS IN FOREIGN LANGUAGES

The Department invites highly qualified majors (or double majors) to distinguish themselves by earning honors in French, German, or Spanish. To be admitted to the program a student must: (1) have completed 60 hours of university-level work; (2) be a declared major or double major in Foreign Languages; and (3) have a minimum overall GPA of 3.3 with a GPA of 3.6 in the chosen language.

In order to graduate with departmental honors a student must: (1) complete the general requirements for the major; (2) maintain an overall GPA of 3.3 and a GPA of 3.6 in the major language; (3) complete 9 hours of in-course honors work at the 300-level in the major; (4) complete an honors thesis while enrolled as a senior in either FOR 299, Independent Honors Study, or FOR 395, Senior Seminar. Students interested in participating may obtain additional information from the Director of the Honors Program in Foreign Languages. The Department also offers in-course honors work for students enrolled in the University Honors Program at the discretion of the instructor.

ASSOCIATED MINORS

The Department of Foreign Languages participates in the minors in Latin American Studies, International Studies, and Cognitive Science. For further information, please consult the Department advisor as well as the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog*.

MINOR IN EAST ASIAN STUDIES

Advisor: Dr Roger Thomas, Dept of Foreign Languages

The minor in East Asian Studies combines four semesters' study of East Asian language and coursework in the region's history, literature, and culture.

- 25 hours required.
- Required courses: two-year sequence (16 hrs) in an East Asian language; either Chinese 111, 112, 115, 116 or Japanese 111, 112, 115, 116.
- Additional hours from approved electives: ANT 294; FOR (JPN) 231; FOR (JPN) 232; HIS 125, 269, 275,

276, 373, 375; PHI 208; POL 245, 345. See course descriptions by department. Other electives, including coursework taken abroad, may be counted toward the minor with prior approval of minor advisor.

MINOR IN COMPARATIVE LITERATURE

- 19 hours required.
- A maximum of 9 hours may overlap with a major in English or Foreign Languages.
- Foreign Language requirement (4 hours): FOR 116 or equivalent.
- Required core (3 hours): ENG/FOR 256.
- Core Comparative Literature electives (6 hours) 2 of the following: ENG/FOR 257, 258, 259.
- Foreign Language literature course (3 hours): 1 of the following FOR courses: FR 220, 221, 222; GER 211, 222; LAT 221, 222; SPA 233, 253, 254, 255 or any FOR literature course at the 300-level.
- Elective (3 hours) 1 of the following: ENG/FOR 257, 258 or 259 (if not used to fulfill the core requirement); a second FOR literature course from the list above; ENG 252, 255 or 352.
- Minimum 2.5 GPA in FOR 111-116.

MINOR IN FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL (FLES)

For advisement, please contact the Department of Foreign Languages.

The Minor in Foreign Languages in the Elementary School (FLES) is designed primarily for Elementary Education majors who plan to teach a foreign language as part of the elementary school curriculum. Students take courses in a single target language and a course in FLES methodology, including practicum experience. Completion of the minor constitutes completion of the 18 hour area requirement for Elementary Education.

- A minimum of 23 and a maximum of 31 hours required. The number of hours required for the FLES minor depends on the level at which a student begins the program. Students with no previous foreign language study begin with FOR 111 and complete 31 hours; students with 2 years of high school foreign language (or equivalent) begin with FOR 112 and must complete 27 hours beyond 111; students with 3 or more years of foreign language begin at 115 and must complete 23 hours beyond 112. Consult the Foreign Languages advisor if additional placement information is needed.

Student may complete the FLES minor in French, German, Japanese, or Spanish:

- Required courses for French FLES: FR 111, 112, 115, 116, 213, 214, 220 or 305, 235; FOR 355.
- Required courses for German FLES: GER 111, 112, 115, 116, 211, 213, 217, 218; FOR 355.
- Required courses for Japanese FLES: JP 111, 112, 115, 116, 231, 232, 285; FOR 355 and 3 approved elective hours.
- Required courses for Spanish FLES: SPA 111, 112, 115, 116, 213, 214, 223, 243 or 244; FOR 355.

(FOR 214 not for credit if have ACTFL speaking score of Advanced. See Foreign Language advisor for substitute courses.)

20 clinical hours of types 1, 2, 4, and 5, usually taken while enrolled in FOR 355.

French Programs

Degree Offered: B.A.

MAJOR IN FRENCH

- A minimum of 35 hours and maximum of 43 hours in French are required. The number of hours required for the Major in French depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 43 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 39 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 35 hours beyond 111 and 112.
- Required courses: FR 115, 116, 213, 214, 220, 235, 395, two out of 221, 222, 305, plus 6 elective hours at the 300-level or above including at least one 300-level literature course.

Teacher Certification Sequence:

- A minimum of 37 hours and a maximum of 45 hours in French are required. The number of hours required for the Major in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 45 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 41 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 37 hours beyond 111 and 112.
- Required courses: FR 115, 116, 209, 213, 214, 220, 235, 305; FOR 319, 320; and either FR 221 or 222, plus sufficient electives to meet the total hour requirement as indicated previously.
- Part of entitlement program leading to certification: secondary 6-12.
- Recommended electives: FR 340, 395; FOR 321.

MINOR IN FRENCH

- 25 hours in French required.
- Required courses: FR 111, 112, 115, 116, 213; plus sufficient electives to meet the 25-hour requirement.

MINOR IN FRENCH

For Teacher Education:

- A minimum of 26 and a maximum of 34 hours in French are required. The number of hours required for the Minor in French for Teacher Certification depends

on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 34 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 30 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 26 hours beyond 111 and 112.

- Required courses: FR 115, 116, 209, 213, 214; FOR 319; plus sufficient electives to meet the total hour requirements as indicated above.
- Recommended electives: FR 220, 221, 222, 235, 340; FOR 320, 321.

German Programs

Degree Offered: B.A.

MAJOR IN GERMAN

- 35-43 hours in German required. The number of hours required for the Major in German depends on the level at which the student begins the program. Students with no previous study in German begin in 111 and are required to complete 43 hours. Students with 2 years of high school German or equivalent normally begin with 112 and are required to complete 39 hours, exclusive of 111. Students with 3 years of high school German or equivalent normally begin in 115 and are required to complete 35 hours, exclusive of 111 and 112.
- Required courses: GER 115, 116, 211, 213, 217, 218, 222, 310, 385, and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated above.

Teacher Certification Sequence:

- 37-45 hours in German required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses: GER 115, 116, 211, 213, 217, 218, 222, 310; FOR 319, 320; and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated below.
- Recommended electives: GER 302, 318, 332, 385; FOR 321.
- The number of hours required for the Major in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 45 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 41 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 37 hours, exclusive of 111 and 112.

MINOR IN GERMAN

- 25 hours in German required.
- Required courses: GER 111, 112, 115, 116, 211, 213, plus sufficient electives to meet the 25-hour minimum.

MINOR IN GERMAN**For Teacher Education:**

- 26-34 hours in German required.
- Required courses: German 115, 116, 211, 213, 217, 218; FOR 319, plus sufficient electives to meet the total hour requirement indicated previously.
- Recommended electives: GER 222, 310, 332; FOR 320, 321.
- The number of hours required for the Minor in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 34 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 30 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 26 hours, exclusive of 111 and 112.

Latin Programs**MINOR IN LATIN**

- 25 hours in Latin and related courses required.
- Required courses: LAT 111, 112, 115, 116, 221, 222, plus sufficient electives to meet the 24-hour minimum.
- Electives: FOR 105, 106; HIS 221; PHI 254; ART 368, or others approved by Department.

MINOR IN LATIN**For Teacher Education:**

- Program requirements are the same as those for the Minor in Latin.
- Students not majoring in Foreign Languages Education are encouraged to take FOR 319.

Spanish Programs

Degree Offered: B.A.

MAJOR IN SPANISH

- A minimum of 34 hours and a maximum of 43 hours in Spanish required. The number of hours required for the major in Spanish depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 43 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 39 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 35 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116 or 120, 213, 215, 223,

233, 395, and 2 of the following 3: SPA 253, 254, 255; plus 2 courses taken at the 300-level or above.

- Recommended electives: SPA 214 (not for credit if have ACTFL speaking score of Advanced).

Teacher Certification Sequence:

- Part of entitlement program leading to certification: secondary 6-12.
- A minimum of 36 hours and a maximum of 45 hours in Spanish required. The number of hours required for the Major in Spanish for Teacher Certification depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 45 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 41 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 37 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 243 (or 305, Peninsular focus), 244 (or 305, Latin American focus); FOR 319, 320; plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended electives: SPA 214, 253; 254, 255; 395, (214 not for credit if have ACTFL speaking score of Advanced); FOR 321.

MINOR IN SPANISH

- 24 hours in Spanish required.
- Required courses: SPA 111, 112, 115, 116 or 120, 213, 214 or 223 (214 not for credit if have ACTFL speaking score of Advanced), SPA 215 or 233, plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended elective: SPA 223, if not taken to fulfill requirement.

MINOR IN SPANISH**For Teacher Education:**

- A minimum of 25 and a maximum of 34 hours in Spanish required. The number of hours required for the Minor in Spanish for teacher certification depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 34 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 30 hours beyond SPA 111. Students with three years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 26 hours beyond SPA 111 and 112.
- Required courses: SPA 115, 116 or 120, 213, 214 or 223, 215 or 233; FOR 319; plus sufficient electives to meet the total hour requirement previously indicated.
- Recommended electives: SPA 214, 243, 244 (214 not for credit if have ACTFL speaking score of Advanced), 305; FOR 319, 320, 321.

Teacher Education Requirements:

Students seeking a Teacher Education degree must complete University-Wide Teacher Education program requirements. These include a minimum GPA of 2.5 in major. All Teacher Education majors must complete FOR 319 and 320. FOR 319 is taken in the fall semester and 320 in the spring semester of the junior or senior year. Teacher Education students are encouraged to apply for Admission to Teacher Education as soon as they have completed 30 hours, and must complete the Professional Education course work, the state of Illinois General Education requirements for Teacher Certification or Illinois State University's General Education Program in its entirety and all other Teacher Education requirements (See College of Education section of the *Undergraduate Catalog*).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Foreign Languages Courses

Consult the *Class Registration Directory* to determine which courses will be offered in a given semester.

For those languages which have no specific placement recommendations listed in this *Undergraduate Catalog*, students who have had no prior instruction in a foreign language, or 1 year of instruction, should enroll in the 111 course for the appropriate language. Students who have had 2, 3, or 4 years generally enroll in 112, 115, or 116 respectively. If prior language study took place more than 1 year earlier, a student may choose to enroll at a lower level. Transfer students and native speakers should consult with the Department's academic advisor to determine proper placement.

CREDIT FOR ACQUIRED PROFICIENCY (CAP)

If the first Foreign Languages course in which a student enrolls is above 111 in the regular sequence (112, 115, 116 or above), he or she may be eligible for proficiency acquired elsewhere. Student must apply for CAP by filling out a short form in the Department of Foreign Languages.

Credit toward graduation for acquired proficiency will be granted upon completion at Illinois State University of 1 course (excluding Independent Study) with the grade of C or better. It is recommended that the course be taken as soon as possible after matriculation at Illinois State University. Students are reminded that no course in the major or minor may be taken under the CT/NC option.

Students beginning at the 112-level and fulfilling the previous requirements will be granted 4 hours of CAP. Students beginning at the 115-level or above and fulfilling the above requirements will be granted 8 hours of CAP.

300-Level Foreign Languages Courses:

Instruction in courses in literature and culture of the major fields of specialization (French, German, Spanish) will be given in the language of specialization whenever possible.

General Courses

106 MYTH AND MEANING OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. MC-LH category rec.
Major myths of the world; their nature, origins, cultural significance, interpretation, and relevance today.

119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req. Also offered as HIS 119.
Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

125 LITERARY NARRATIVE MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG 125.

Critical reading and analysis of a variety of literary narratives that reflect on human experience.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S
IDS 100; ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/ENG 128.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

143 UNITY AND DIVERSITY IN LANGUAGE OC-KD/SS 3 F,S
Inner Core req. Also offered as ANT/ENG 143.

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

- 206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA** OC-DKCC/H 3 F,S
IDS 100; ENG 101; COM 110 req.; MC-IS category req. WS 120 rec. Also offered as ENG 206.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

- 256 THEORIES AND METHODS OF COMPARATIVE LITERATURE** 3 F,S
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Also offered as ENG 256.

An introduction to the theories and methods of the study of comparative literature.

- 257 HISTORICAL APPROACHES TO COMPARATIVE LITERATURE** 3 F,S
ENG/FOR 256 req. May be repeated if content differs. Also offered as ENG 257.

Comparative study of world literatures by or across historical period(s).

- 258 CROSS-CULTURAL APPROACHES TO COMPARATIVE LITERATURE** 3 F,S
ENG/FOR 256 req. May be repeated if content differs. Also offered as ENG 258.

Study of world literatures through comparison of works from differing cultural spheres and/or geographic areas.

- 259 CONCEPTUAL APPROACHES TO COMPARATIVE LITERATURE** 3 F,S
ENG/FOR 256 req. May be repeated if content differs. Also offered as ENG 259.

Comparative study of world literatures organized by theme or theoretical focus.

- 292 CAREER DEVELOPMENT FOR FOREIGN LANGUAGE MAJORS** 1 F,S
Must be Foreign Language major.

Provides students with career information and job search techniques.

- 300 RESEARCH IN FOREIGN LANGUAGES** 1-3 F,S
Cons dept chair req.

Supervised work in a foreign literature, in comparative language studies, or in educational materials for foreign language laboratory. Assignments will depend on the preparation and interest of the student.

- 319 PRINCIPLES IN FOREIGN LANGUAGE LEARNING** 3 F
FR 235 or SPA 213 or 215 or 310 or GER 310 or conc reg req. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp: 25 hrs, Type 1, 2, 5, 9, 10. Adm to Teacher Ed req.

Processes of second language acquisition. Emphasis on the use of contrastive and error analysis to identify and predict common student errors in the target language.

- 320 FOREIGN LANGUAGE TEACHING IN THE SECONDARY SCHOOL** 2 S
FOR 319 req. Incl Clin Exp: 12 hrs, Type 1, 5, 10. Adm to Teacher Ed req.

Methods of teaching foreign languages in the secondary school. Special emphasis is given to materials and activities leading to mastery.

- 321 MEDIA MATERIALS AND USE IN THE TEACHING OF FOREIGN LANGUAGES** 2 S
C or better in C&I 216 or PSY 215 or conc reg req. COM 240 rec.

Supplementing the basic methodology of Foreign Language teaching with media materials and the techniques for their use in the language classroom.

- 350 FOREIGN LANGUAGE TESTING AND ASSESSMENT** 3 F,S
FR, GER, or SPA 213 or equivalent; foreign language proficiency req; FOR 319 rec.

Exploration of development and uses of language tests according to current views of foreign language teaching.

- 355 ELEMENTARY SCHOOL FOREIGN LANGUAGE METHODS** 3 F,S
FR, GER, or SPA 213 or equivalent; foreign language proficiency req.

Development of skills for teaching foreign languages in the elementary school in the context of various program models.

- 398 PROFESSIONAL PRACTICE: INTERNSHIPS AND COOPERATIVE EDUCATION IN FOREIGN LANGUAGE** 1-16 F,S,Summer
Complete dept application procedure. Max 16 hrs toward graduation. Depending upon nature of placement, dept may allow 1-4 hrs to count toward maj/min in language used. May be repeated.

Chinese Courses

- 111 FIRST-YEAR CHINESE (PART I)** 4 F

Introductory chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

- 112 FIRST-YEAR CHINESE (PART II)** 4 S

Continuation of Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

- 115 SECOND-YEAR CHINESE (PART I)** 4 F

Chinese 112 or cons dept chair req.
Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

- 116 SECOND-YEAR CHINESE (PART II)** 4 S

Chinese 115 or cons dept chair req.
Continuation of Chinese 115.

Classics Courses

105 CLASSICAL MYTHOLOGY 3 F,S

Taught in English.

The major myths; their nature, origins, interpretations, influence, relevance, and use in the modern world. Designed to enable the student to understand and appreciate the use of classical mythology in literature, art, and music.

French Courses

111 FIRST-YEAR FRENCH (PART I) 4 F,S

Not rec if student had 3 yrs of high school French. Not for cr if had FR 115 or 116.

Pronunciation; essentials of grammar; exercises in hearing, speaking and writing French; reading material of graded difficulty.

112 FIRST-YEAR FRENCH (PART II) 4 F,S

Not for cr if had FR 115 or 116.

Continuation of Part I.

115 SECOND-YEAR FRENCH (PART I) 4 F,S

FR 112 or high school French equivalent req.

Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

116 SECOND-YEAR FRENCH (PART II) 4 F,S

Continuation of Part I.

209 FRENCH PHONETICS 3 F or S

FR 116 req. Formerly FR 309.

Scientific approach to French pronunciation, correct formation of French sounds, practical application of the theory of phonetics.

213 ADVANCED TECHNIQUES IN WRITTEN FRENCH 3 F,S

FR 116 req.

Written communication skills in French. Formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Grammar review.

214 ADVANCED FRENCH CONVERSATION AND CONTEMPORARY CULTURE 3 F,S

FR 116 req. Formerly ADVANCED TECHNIQUES IN SPOKEN FRENCH.

Introduction to contemporary French culture and development of oral communication and listening skills.

220 ADVANCED FRENCH READING AND VOCABULARY SKILLS 3

FR 116 req. Rec conc reg or following FR 213.

Vocabulary building through the reading and discussion of representative French poems, plays, and prose texts. Grammar review.

221 SURVEY OF FRENCH LITERATURE I 3

FR 220 req.

French literature from the Middle Ages to the 18th century.

222 SURVEY OF FRENCH LITERATURE II 3

FR 220 req. May be taken before FR 221.

French literature of the 19th and 20th centuries.

235 ADVANCED FRENCH GRAMMAR 3

2 courses beyond FR 116 req. Rec after 213 and 220. Formerly FR 310.

Systematic study of the morphology and syntax of the modern French language.

305 HISTOIRE DE LA CIVILISATION FRANCAISE 3

2 courses beyond FR 116 req. May be repeated if content differs. Formerly INTRODUCTION TO FRENCH CIVILIZATION.

Survey of French culture and civilization from ancient times to the present day.

314 STUDIES IN CONTEMPORARY FRENCH AND FRANCOPHONE CULTURE 3

2 courses beyond FR 116 req. May be repeated if content different.

Selected themes in contemporary French and Francophone culture and society with an emphasis on group work, class discussion, and oral presentations.

325 SELECTED TOPICS IN FRANCOPHONE LITERATURE AND CULTURE 3

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative literary works in their cultural contexts written in French by authors residing outside France.

326 SELECTED TOPICS IN FRENCH MEDIEVAL AND RENAISSANCE LITERATURE AND CULTURE 3

2 courses beyond FR 116 req. May be repeated if content different.

Representative authors, genres, and movements before 1700 studied in their political, philosophical, and socio-cultural contexts.

327 SELECTED TOPICS IN SEVENTEENTH- AND EIGHTEENTH-CENTURY FRENCH LITERATURE AND CULTURE 3

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative seventeenth- and/or eighteenth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts.

328 SELECTED TOPICS IN NINETEENTH- AND TWENTIETH-CENTURY FRENCH LITERATURE AND CULTURE 3

2 courses beyond FR 116 req. May be repeated if content different.

Readings of representative nineteenth- and/or twentieth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts.

335 COMPARATIVE FRENCH/ENGLISH GRAMMAR AND STYLE 3

FR 235 or cons inst req.

Intensive, advanced, comparative grammar, and composition, including analysis of stylistic differences between French and English.

- 340 INTRODUCTION TO APPLIED FRENCH LINGUISTICS** 3 F,S
FR 235 req.

Principles and methods of objective language analysis applied to relevant issues in the French language and the teaching of French.

- 385 SELECTED TOPICS IN FRENCH LITERATURE** 3
2 courses beyond FR 116 req. May be repeated if content different.

Intensive study of a genre, group of authors or a single major writer in French literature. This study varies each semester.

- 395 SENIOR SEMINAR** 3 S
Sr standing in the major req.

Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

German Courses

- 111 FIRST-YEAR GERMAN (PART I)** 4 F,S
Not rec if student had 3 yrs high school German. Not for cr if had GER 115 or 116.

Pronunciation, essentials of grammar, reading materials of graded difficulty, oral and written exercises.

- 112 FIRST-YEAR GERMAN (PART II)** 4 F,S
Not rec if student had 3 years high school German. Not for cr if had GER 115 or 116.

Continuation of Part I.

- 115 SECOND-YEAR GERMAN (PART I)** 4
GER 112 or 2 yrs high school German req.

Class reading of short stories, plays and essays. Grammar review, oral and written composition.

- 116 SECOND-YEAR GERMAN (PART II)** 4
GER 112 or 2 yrs high school German req.

Continuation of Part I.

- 211 INTRODUCTION TO GERMAN LITERATURE** 3
GER 116 or equivalent req.

Readings and analysis of selected short stories, plays, poetry, and other literary forms as first general introduction to German literature.

- 213 INTERMEDIATE GERMAN COMPOSITION** 3
GER 116 or cons dept chair req.

Study of written communication skills in German, vocabulary building, correct phrasing and style, writing strategies, use of dictionaries and reference materials.

- 217 GERMAN CULTURE AND CIVILIZATION** 3
GER 116 or cons dept chair req.

Overview of German culture from the beginning to World War I as derived from selected readings and class discussions.

- 218 CONTEMPORARY ISSUES OF THE GERMAN-SPEAKING COUNTRIES** 3
GER 116 or cons dept chair req. Formerly GER-MANY TODAY.

Development of advanced German skills in reading, writing, speaking, and listening through a study of contemporary issues of the German-speaking countries since World War I, as reflected in essays and articles.

- 222 SURVEY OF GERMAN LITERATURE** 3
GER 116 or cons dept chair req.

Reading and discussion of representative works of the most important authors from the early 19th century to the present.

- 302 GOETHE** 3
2 courses beyond GER 116 req.

Reading and discussion of a number of major works.

- 310 ADVANCED STUDY OF THE GERMAN LANGUAGE** 3
GER 213 or cons dept chair req. Not for cr if had GER 309.

The study of linguistic concepts and their advanced application through the integration of practical work to improve language skills with appropriate theoretical topics in linguistics.

- 311 THE GERMAN NOVELLE** 3
Two 200-level German courses req.

Study of selected Novellen from Goethe and the Romantics through Poetic Realism and Naturalism to the 20th century.

- 318 GOETHE'S FAUST** 3
2 courses beyond GER 116 req.

Critical study of Parts I and II of Faust. Lectures, readings, and reports.

- 332 GERMAN LYRIC POETRY** 3
2 courses beyond GER 116 or cons dept chair req.
 Reading and interpretation of German lyric poetry from 800 A.D. to the present.

- 385 SELECTED TOPICS IN GERMAN LITERATURE OR CULTURE** 3
2 courses in German lit req. May be repeated if content different. Formerly SELECTED TOPICS IN GERMAN LITERATURE.

Intensive study of a theme, genre, including film, group of authors, or a single major writer in German literature.

Greek Courses

- 111 FIRST-YEAR CLASSICAL GREEK (PART I)** 4

The Greek alphabet, pronunciation, essentials of grammar, translation of reading material of graded difficulty, exercises in writing Classical Greek, consideration of the Greek element in English.

- 112 FIRST-YEAR CLASSICAL GREEK (PART II)** 4

Continuation of Part I.

Italian Courses

111 FIRST-YEAR ITALIAN (PART I) 4 F
Pronunciation; essentials of grammar; exercises in comprehending, speaking, and reading material of graded difficulty.

112 FIRST-YEAR ITALIAN (PART II) 4 S
Continuation of Part I.

115 SECOND-YEAR ITALIAN (PART I) 4 F
ITN 112 or cons dept chair req.
Continued development of aural-oral skills, reading and writing in Italian.

116 SECOND-YEAR ITALIAN (PART II) 4 S
ITN 115 or cons dept chair req.
Continuation of Part I. Further development of written and oral skills through readings and discussion of texts from the Renaissance to the present.

Japanese Courses

111 FIRST-YEAR JAPANESE (PART I) 4 F
Introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR JAPANESE (PART II) 4 S
JPN 111 req.
Continuation of introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

115 SECOND-YEAR JAPANESE (PART I) 4
JPN 112 or cons dept chair req.
Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

116 SECOND-YEAR JAPANESE (PART II) 4
JPN 115 or cons dept chair req.
Continuation of Part I.

231 JAPANESE CONVERSATION AND COMPOSITION 3 F
JPN 116 or cons dept chair req.
Further development of written and oral skills through guided conversations and compositions on topics from contemporary Japanese civilization.

232 ADVANCED JAPANESE READING AND COMPOSITION 3 S
JPN 231 or cons dept chair req.
Development of reading fluency and writing proficiency in modern Japanese through study of unadapted texts, including selections from modern fiction.

Latin Courses

111 FIRST-YEAR LATIN (PART I) 4
Pronunciation; essentials of grammar; reading graded material; exercises in writing easy Latin; consideration of the Latin element in English.

112 FIRST-YEAR LATIN (PART II) 4
Continuation of Part I.

115 SECOND-YEAR LATIN (PART I) 4
LAT 112 or high school Latin equivalent or cons dept chair req.

Review of Latin fundamentals. Practice in writing simple Latin. Reading beginning with graded Latin selections and progressing to selections from various authors.

116 SECOND-YEAR LATIN (PART II) 4
LAT 115 or 3 yrs high school Latin or cons dept chair req.
Aeneid, Books I-VI: The purpose, sources, merits and fame of the Aeneid, and its references to other classic epics; poetical syntax, figures of speech, prosody, and mythology in the Aeneid.

221 SURVEY OF LATIN LITERATURE I 3 F
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Republican authors from Plautus to Catullus.

222 SURVEY OF LATIN LITERATURE II 3 S
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Imperial authors from Livy to Juvenal.

Spanish Courses

Heritage speakers of Spanish should consult the Department for further information.

111 FIRST-YEAR SPANISH (PART I) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115, 116 or 120.

Fundamentals of grammar. Practice in speaking, understanding, reading and writing Spanish.

112 FIRST-YEAR SPANISH (PART II) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115, 116 or 120.
Continuation of Part I.

115 SECOND-YEAR SPANISH (PART I) 4 F,S
SPA 111 and 112 or equivalent req.
Review of Spanish grammar, vocabulary building, oral and written practice.

116 SECOND-YEAR SPANISH (PART II) 4 F,S
SPA 115 or equivalent req. Not for cr if had SPA 120.
Continuation of Part I. Emphasis on reading and discussion of Spanish short stories with continuing review of grammar.

120 INTRODUCTION TO ACADEMIC SPANISH FOR SPANISH SPEAKERS 3 F,S
Ability to speak Spanish at the high intermediate level, sufficient to carry on informal everyday conversations fluently. Not for cr if had 116.

Introduction to the basics of grammar, spelling, and vocabulary of formal academic Spanish for students who already speak Spanish.

213 ADVANCED SPANISH GRAMMAR 3 F,S
SPA 116 or 120 req. Formerly SPA 235.
Detailed study of Spanish grammar emphasizing technical and stylistic aspects of native language patterns.

214 ADVANCED TECHNIQUES**IN SPOKEN SPANISH 3**

SPA 116 or 120 req. Not for cr if have ACTFL speaking score of Advanced. Formerly SPA 231.

Study of oral communication skills in Spanish: conversation, formal reports, persuasion and argumentation, interviewing.

215 INTRODUCTION TO SPANISH**LINGUISTICS 3 F,S**

SPA 213 or cons inst req. Formerly SPA 309.

Principles and methods of objective language analysis applied to relevant issues in Spanish.

223 ADVANCED SPANISH**COMPOSITION 3 F,S**

SPA 116 or 120 req. Formerly SPA 232.

Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building.

233 INTRODUCTION TO**HISPANIC LITERATURE 3**

SPA 213 or 223 req. Formerly SPA 211.

Reading and analysis of representative poems, plays and prose texts as first general introduction to Spanish and Spanish-American literature.

240 BUSINESS SPANISH 3

SPA 116, 120 or equivalent req; SPA 213 or 223 rec.

Development of practical language skills needed for doing business in the Spanish speaking world from a cultural and commercial perspective.

243 CIVILIZACION ESPANOLA 3

SPA 116 or 120 req. Formerly SPA 217.

Spanish customs and institutions in their historical perspective.

244 CIVILIZACION HISPANOAMERICANA 3

SPA 116 or 120 req. Formerly SPA 218.

Cultural life and customs of Spanish-speaking countries in the Americas.

253 SURVEY OF SPANISH**LITERATURE I 3**

SPA 211 or 233 or cons inst req. Formerly SPA 221.

Reading and discussion of representative writers of Medieval and Renaissance Spain.

254 SURVEY OF SPANISH**LITERATURE II 3**

SPA 211 or 233 or cons inst req. Formerly SPA 222.

Reading and discussion of representative Spanish writers of the 18th through the 20th centuries.

255 SURVEY OF SPANISH-AMERICAN LITERATURE 3

SPA 211 or 233 or cons inst req. Formerly SPA 242.

Introduction to the works of Spanish-American authors with emphasis on the 19th and 20th centuries.

301 SERVING SPANISH-SPEAKING**POPULATIONS 3 F,S,Summer**

Adm to a maj and completion of at least 2 courses in maj req (may sub prof exp with cons of instr). Not for cr SPA maj/min.

Basic Spanish for initial professional encounters with Spanish-speaking populations, examination of linguistic and cultural issues that affect professional effectiveness.

305 CURRENT TOPICS IN HISPANIC**CIVILIZATION AND CULTURE 3**

SPA 217 or 218 or 243 or 244 req. May be repeated if content different.

Recent trends, issues and changes in Spanish-speaking world. Varying topics and pedagogical strategies for teaching culture.

310 SPANISH SYNTAX 3

SPA 235 or 213 or cons inst req.

Advanced study of contrasts in Spanish and English grammar with a focus on explaining the differences.

331 SPANISH-AMERICAN LITERATURE I 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req.

From the colonial period through realism.

336 SELECTED TOPICS IN SPANISH-AMERICAN LITERATURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req.

May be repeated if content different.

Variable topics providing in-depth study of major authors, works, genres, themes, or movements.

337 SELECTED TOPICS IN MODERN-PENINSULAR SPANISH LITERATURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req.

May be repeated if content different.

Major authors, genres, or movements from Spanish literature of the 18th, 19th, and 20th centuries.

338 SELECTED TOPICS IN MEDIEVAL-SPANISH LITERATURE AND CULTURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req.

May be repeated if content different.

Major authors, genres, or periods from Spanish literature of the Middle Ages in their cultural context.

339 SELECTED TOPICS IN SPANISH-GOLDEN AGE LITERATURE AND CULTURE 3

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Major authors, works, genres, or movements from the Spanish Golden Age (1469-1700) in their historical/cultural context.

360 STUDIES IN SPANISH LINGUISTICS 3 F

SPA 215 req. May be repeated if content different.

Detailed study of a particular linguistic subdiscipline of the Spanish language.

370 TOPICS IN SPANISH PEDAGOGY 3 F,S

SPA 310 req or cons inst. FOR 319 rec. May be repeated if content different.

Exploration of different pedagogical issues for the Spanish language classroom.

**385 SELECTED TOPICS IN
SPANISH LITERATURE****3**

SPA 221 or 222 or 242 or 253 or 254 or 255 req. May be repeated if content different.

Intensive study of a genre, movement, author or work. This study varies each semester.

395 SENIOR SEMINAR**3 S**

Sr standing in the language major req.

Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

**GEOGRAPHY-GEOLOGY
(GEO) 440**

206 Felmley (309) 438-7649

Web address: www.geo.ilstu.edu/

Chairperson: David Malone

Tenured/Tenure-track Faculty:

Professors: Carter, Sublett.

Associate Professors: Anderson, Day, Hammel, Malone, Nelson.

Assistant Professors: Budikova, Ghose, King, VanDer-Hoven, Zintambila.

General Department Information**MAJOR IN SOCIAL SCIENCES EDUCATION**

The Major in Social Sciences is administered by the Department of History in cooperation with the Departments of Economics; Geography-Geology; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Geography-Geology participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Geography-Geology participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN GEOGRAPHY-GEOLOGY

The Department of Geography-Geology offers honors work to highly qualified students. Students interested in pursuing honors work may obtain further information by contacting the Department Chairperson.

Geography Programs

Degrees Offered: B.A., B.S.

MAJOR IN GEOGRAPHY

Programs must be planned in consultation with the program advisor.

Advisor: Daniel Hammel (309) 438-8112

- Minimum of 42 hours required. All Geography majors should consult with program advisor concerning appropriate elective coursework in related fields. The faculty also recommends that students consider National Student Exchange and Study Abroad programs as a means of experiencing different cultural settings.
- Required courses: GEO 140; GEO 200, 201, 204, 300, 303, 315, 398 (4 hrs); 1 course from GEO 215, 220, 240, 245; 1 course from GEO 230, 250, 255; 2 courses from GEO 150, 205, 208, 210, 336; 1 course from 305, 308, 310, 370; 1 course from GEO 130, 276, 287 (3 hrs), 304, 306 (3 hrs), 351, 380.

Teacher Certification Sequence:

Advisor: Jill Freund Thomas (309) 438-8403

- Minimum of 42 hours required. Part of entitlement program leading to certification: secondary 6-12. Student should plan program in consultation with an advisor.
- Required courses: GEO 140; GEO 200, 201, 204, 300, 303, 307, 315, HIS 390; 1 course from GEO 215, 220, 240, 245; 1 course from GEO 230, 250, 255; 2 courses from GEO 150, 205, 208, 210, 336; 1 course from GEO 130, 145, 276, 287 (3 hrs), 304, 305, 306 (3 hrs) 308, 310, 351, 370, 380.
- NOTE: To qualify for certification, the student must complete the Professional Education requirements and the General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog*.
- NOTE: Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
- NOTE: If a student chooses to focus on Physical Geography/Earth Science, he or she should also certify to teach Biology, Chemistry, Geology, or Physics. If a student chooses to focus on Human/Regional Geography, she or he should also certify to teach World History and U.S. History and/or related fields.
- NOTE: Teacher certification students must present a 2.75 GPA to qualify for placement in student teaching and to graduate with a teacher certification degree.

MINOR IN GEOGRAPHY

- 21 hours in Geography required.
- Required courses: GEO 135 or 140; GEO 200 or 211; GEO 204; 1 course from GEO 215, 220, 230, 235, 240, 245, 250, or 255; 1 course from GEO 150, 205, 208, 210, 336; 1 course from GEO 300, 303, 305, 308, 310; 3 hours of electives chosen from any Geography course except GEO 265.

MINOR IN GEOGRAPHY

For Teacher Education:

- 24 hours in Geography required.
- Required courses: GEO 135 or 140; GEO 145, 204, 307; 1 course from GEO 215, 220, 230, 235, 240, 245, 250, 255; 1 course from GEO 150, 205, 208, 210, 336; 1 course from GEO 200 or 211; 1 course from GEO 300, 303, 305, 308, 310.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography-Geology
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and the School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

- 24 hours required.
- Required courses: GEO 130, 135, 215, 265; KNR 271, 277, 377; POL 140 or 145.
- Recommended courses: GEO 315; KNR 374, 375.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Geology Programs

Degrees Offered: B.S.

MAJOR IN GEOLOGY

- 40 hours in Geology required.
- Required courses: GEO 202, 203, 280, 285, 290, 295, 296, 395 and one of the following applied quantitative courses: GEO 360, 362, or 364.
- Required interdisciplinary courses: PHY 108 and 109 (or 110 and 111); CHE 140 or equivalent, and 141; MAT 145 and 146.
- Strongly recommended: GEO 385.

MINOR IN GEOLOGY

- 22 hours in Geology required.
- Required courses: GEO 102, 202 and 203.
- **NOTE:** Students wishing to minor in Geology are requested to inform the Department of their intention and to discuss their program with a Geology advisor.

Geography Courses

100 EARTH SCIENCE **3 F,S,Summer**
A geographical perspective on the natural environment. Landforms, weather, climate, soils, vegetation.

101 EARTH SCIENCE
LABORATORY **1**
GEO 100, or 105, or conc reg req.

Practical application of principles of earth science through laboratory experiences emphasizing meteorology, climatology, soils, vegetation, and landforms.

130 THE TRAVELER'S WORLD **3 F**
Cultural, physical, and economic aspects of the tourism industry in the United States and worldwide. Orientation to the industry as a career option.

135 WORLD GEOGRAPHY **OC-KD/SS** **3 F,S**
Inner Core req.

Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

138 SOCIAL SCIENCE REASONING
USING STATISTICS **MC-QR** **4 F,S**
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/POL/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

140 HUMAN GEOGRAPHY **MC-IS** **3 F,S**
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Introduction to human geography emphasizing global problems, patterns, and distributions.

145 MAPS AND MAP READING 3 F

Not for cr if completed GEO 204 or 300.

Fundamental map concepts: scale, coordinates, symbolization, relief, directions. Major map and graph types for visual-spatial analysis and interpretation. Map history.

150 ECONOMIC GEOGRAPHY 3 F,S

Spatial distribution of a variety of activities related to production, exchange, and consumption of goods and services.

200 PHYSICAL GEOGRAPHY I 3 F

Introduction to geographic perspectives on the atmosphere and biosphere with emphasis on climatic patterns and relationships with vegetation and human activities.

201 PHYSICAL GEOGRAPHY II 3 S

GEO 200 req.

Introduction to geographic perspectives on the lithosphere and hydrosphere with emphasis on water balance.

204 GEOGRAPHIC TECHNIQUES 3 F,S

GEO 140, 200 or cons inst req.

Introduction to geographic methodology and techniques with an emphasis on development of skills in analyzing geographical data.

205 CONSERVATION OF NATURAL RESOURCES 3 F,S

Completion of 45 sem hrs or equivalent or cons inst req.

The human impact on the natural environment. Emphasizes soil, wildlife, forest, mineral and fuel, water and air conservation.

208 POLITICAL GEOGRAPHY 3 F

Completion of 45 sem hrs or equivalent or cons inst req.

Introduction to the field of political geography. Emphasis on spatial patterns of political activity.

211 EARTH'S DYNAMIC WEATHER OC-KD/SMT 3 F,S

Inner core req. MC-QR category req. Formerly GEO 110.

Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information.

215 UNITED STATES 3 F

Completion of 45 sem hrs or equivalent or cons inst req.

Major regions of the United States in terms of contemporary physical, cultural, and natural resource patterns.

220 ILLINOIS 3 S

Completion of 45 sem hrs or equivalent or cons inst req. Fieldwork req.

Boundaries, physical setting, environment concerns, patterns of human occupation, regional characteristics.

230 LATIN AMERICA 3 F,S

Completion of 45 sem hrs or equivalent or cons inst req.

Regional analysis of the major political units; emphasis on physical, cultural, and economic characteristics.

235 GEOGRAPHY OF EMERGING AREAS OC-DKCC/SS 3 F,S

Inner Core req. MC-IS category req.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary in different sections.

240 EUROPE 3 F,S

Completion of 45 sem hrs or equivalent or cons inst req.

Patterns of occupation and development. Emphasis on the countries of the European Community.

245 FORMER SOVIET UNION 3 S

Completion of 45 sem hrs or equivalent or cons inst req.

Physical resource patterns and their significance to industrial, agricultural land use, general economic, and political development.

250 AFRICA 3 F,S

Completion of 45 sem hrs or equivalent or cons inst req.

Regional study of Africa. Patterns of society as related to the natural environment.

255 ASIA 3 F

Completion of 45 sem hrs or equivalent or cons inst req.

Countries, regions, and peoples of Asia. Selected regions, specific localities, and special problems.

265 OUR NATIONAL PARKS 3

Completion of 45 sem hrs or equivalent or cons inst req.

Field trips may be included.

National Parks of the United States in terms of physiography, geology, climate, flora, fauna, and scenic qualities.

300 CARTOGRAPHY 3 F

Jr/sr standing req. GEO 204 req. Field trip and drafting supplies req.

Theory and techniques regarding graphic representation of statistical data, including compilation, drafting, and reproduction of various types of thematic maps.

300.01 SOCIAL SCIENCE SEMINAR 3

SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/HIS/POL/SOC 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

303 GEOGRAPHIC INFORMATION SYSTEMS 3 F,S

GEO 204 or cons inst req.

Fundamental principles of geographic information systems; emphasis on raster and vector based systems and their applications to spatial analysis.

304 GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS 3 S

GEO 303 req; MAT 120 rec.

Advanced applications in geographic information systems (GIS) with an emphasis on problem-solving, advanced GIS analysis techniques and a survey of raster and vector based GIS software and data bases.

305 REMOTE SENSING I 3 S*GEO 204 req. Field trip req.*

Basic principles of image interpretation with photogrammetry. Techniques and measurements in remote sensing.

306 REGIONAL AND AREA STUDIES 1-9*Field work req. Cons inst req. Material charge optional.*

Intensive on-site study of particular lands, environments, cultures, and peoples.

307 TEACHING GEOGRAPHY/**EARTH SCIENCE 3 F**

Teaching maj only. Adm to Teacher Ed req. C or better C&I 216 or PSY 215 or conc reg req. 8 hours of Geography or Geology req. Inc Clin Exp: 35 hrs, Type 1-6, 10.

Approaches to the teaching of geography and earth science in grades 6-12.

308 QUANTITATIVE METHODS IN GEOGRAPHY 3 S*GEO 204 req; MAT 120 or equivalent rec.*

Use and interpretation of basic statistical techniques in geographical problems.

310 FIELD GEOGRAPHY 3 F*9 hrs GEO and fieldwork req.*

Techniques for the systematic acquisition and interpretation of geographic field data. Includes introduction to Orienteering.

315 SEMINAR IN GEOGRAPHY 3 S*Sr standing; 12 hrs GEO req.*

Designed to acquaint the student with career opportunities in geography and in related fields.

336 URBAN GEOGRAPHY 3 F,S*Jr/sr standing req.*

Internal morphology, external relationships, and other spatial aspects of cities.

351 CARTOGRAPHIC PROCESSES 3 S

Drafting supplies and A or B in GEO 300 req. Materials charge optional.

Techniques of design, production and reproduction of maps, including multi-separations, scribing, darkroom techniques and materials, and color proofing.

370 URBAN AND REGIONAL PLANNING 3 S*GEO 204 or cons inst req.*

Introduction to the planning process and the major elements used in plan implementation such as zoning regulations, subdivision regulations, and the official map. Field research may be required.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN GEOGRAPHY 1-16 Summer

100 hrs; 2.2 GPA; GEO 315; and cons dept chair req. Max 4 hrs cr toward GEO maj; 40 hrs intern/cr hr. Advance arrangements req.

Planned, supervised professional experience in a public or private organization. The experience provides an introduction to a career in geography. May be paid.

Geology Courses

102 PRINCIPLES OF GEOLOGY IC-NS 3 F,S

IDS 100 or conc reg req. Not for cr maj/min. Not for cr if had GEO 105. May not be taken under the CT/NC option. Lecture and lab.

Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences.

105 INTRODUCTION TO GEOLOGY I 3 F,S*Not for cr if had GEO 102.*

Origin and types of earth materials; internal and external earth processes and development of landscapes. Equivalent to physical geology.

107 INTRODUCTION TO GEOLOGY II 3 F,S

GEO 105 or cons inst req. Field trip req. Not for cr if had GEO 202.

Origin and evolution of the earth as interpreted from rock sequences, fossils, and geologic maps; emphasis on geologic principles.

202 EVOLUTION OF THE**EARTH OC-KD/SMT 3 F,S**

Inner Core req. MC-QR category req. Field trip req. Not for cr if had GEO 107.

Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

203 MINERALS, ROCKS, FOSSILS**AND MAPS 3 F,S**

IC-NS or IC-NSA req; GEO 202 or cons reg req. Lecture and lab. Formerly GEO 109.

Mineral, rock and fossil identification and interpretation; recognition and interpretation of structures and surface features from geologic and topographic maps.

207 NATURAL DISASTERS OC-KD/SMT 3 F,S

Inner Core req. MC-QR category req. Not for cr Geology maj. Two 1-hour lectures; one 2-hour discussion/lab per week.

Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples.

209 ESSENTIALS OF OCEAN SCIENCE 3 F*Two 1-hour lectures and one 2-hour discussion per week.*

Scientific investigation of: the origin; main geological, physical, chemical, and biological aspects and operations of the global ocean.

275 LIFE OF THE GEOLOGIC PAST 3 F,S

Completion of 45 sem hrs or equivalent or cons inst req. Not for cr maj.

Origin, classification and evolution of life from early forms to modern types as revealed by the fossil record.

276 ENVIRONMENTAL GEOLOGY 3 S*Completion of 45 sem hrs or equivalent or cons inst req.*

Recognition of geologic hazards such as earthquakes and floods. Evaluation of geologic resources and the legal and geologic limitation of resource utilization.

280 MINERALOGY 4 F

GEO 203; CHE 140 req. Lecture and lab.

Crystallography, internal structure, chemistry, recognition and occurrence of minerals.

285 IGNEOUS AND METAMORPHIC PETROLOGY 4 S

GEO 280 req. Lecture and lab. Field trip req.

Description, classification, and origin of igneous and metamorphic rocks.

290 STRUCTURAL GEOLOGY 4 F

GEO 203 req; MAT 144 rec. Lecture and lab. Field trip req.

Mechanics and processes of deformation of the earth's crust and the resulting structures.

295 SEDIMENTOLOGY AND STRATIGRAPHY I 3 F

GEO 203 req. Lecture and lab. Field trip req. Formerly SEDIMENTOLOGY.

Origin, transportation, deposition, and diagenesis of sedimentary materials with emphasis on classification of sedimentary rocks.

296 SEDIMENTOLOGY AND STRATIGRAPHY II 3 S

GEO 203 req. Lecture and lab. Field trip req. Formerly STRATIGRAPHY.

Distribution, correlation and analysis of stratified rocks.

298.20 PROFESSIONAL PRACTICE: COOP/INTERN IN GEOLOGY 1-4 F,S

Max 4 hrs toward B.S. degree in Geology. Cons of inst req.

Planned, supervised, paid or unpaid professional practice in geology or geotechnical field with government or private organization.

309 INTEGRATED SCIENCE FOR ELEMENTARY EDUCATORS 3 F,S

El Ed maj with 24 hrs of science req. Also offered as BSC 309, CHE 309 and GEO 309.

Modeling of exemplary science teaching practices using a unified science approach.

360 GROUNDWATER GEOLOGY 3 F

GEO 203 and MAT 146 req. Field trips req.

Groundwater occurrence and movement, aquifer evaluation, field and lab measurements, contamination and other applications.

362 ENGINEERING GEOLOGY 3 S

GEO 203; MAT 146; and PHY 108 or cons inst req. Field trips req.

Engineering applications of geology, construction problems of geologic origin and their engineering solutions.

364 GEOPHYSICS 3 S

GEO 203; MAT 146; and PHY 108 req.; or cons inst req.

Principles of exploration geophysics and the techniques that are used to study subsurface environments. Subjects reviewed include: stress and strain, information theory, seismic, gravity, magnetics, electrical resistivity, electromagnetic conductivity, ground penetrating RADAR, and borehole logging.

380 GEOMORPHOLOGY 3 S

GEO 100, 102, or 105 req. Field trips req.

Origin, classification, description, and interpretation of landforms.

382 GLACIAL AND QUATERNARY GEOLOGY 3 F

GEO 100, 102, or 105 req. Field trips req.

Development of glaciers, glacial movements, deposits, and landforms as background for discussion of present landscapes.

385 INVERTEBRATE PALEONTOLOGY 4 S

GEO 203 req. BSC 196 rec. Lecture and lab. Field trip req.

Examination and analysis of major fossil invertebrate phyla; emphasis on groups with paleoecologic and stratigraphic significance.

395 FIELD GEOLOGY 6 Summer

GEO 280, 285, 290, and 295 req.

Application of geologic principles to field mapping and interpretation in the Black Hills and Central Rocky Mountains.

HISTORY (HIS) 442

334 Schroeder Hall, (309) 438-5641

Web address: www.history.ilstu.edu

Chairperson: Paul Holsinger

Tenured/Tenure-track Faculty:

Distinguished Professors: Freed, Wyman.

Professors: A. Beier, Davis, Holsinger, Holt, McBride, MacDonald, Perez.

Associate Professors: Lessoff, Tavakoli-Targhi.

Assistant Professors: Adedze, L. Beier, Ciani, Clemens, Clemmons, Crubaugh, Drake, Olsen, Reed, Siddali, Soderlund, Westbury.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Department of History advises Social Sciences majors, provides Teacher Education specialists for those interested in that option, and sponsors club activities. For specific information about the programs see Social Sciences Programs.

MINOR IN ENVIRONMENTAL STUDIES

The Department of History participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of History participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as

the section entitled "Minor in Urban Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN HISTORY

Honors work in the Department of History has been designed to offer to qualified undergraduates the opportunity to develop an independent, individualized program of study while working closely with departmental faculty in the field of their special interest.

Admission Requirements:

To be admitted to the Honors Program, students must have at least sophomore standing, have taken nine hours in history, and have a minimum GPA of 3.50 in History. Recommendation of at least one member of the departmental faculty is required as is the approval of the departmental Honors Director. Students may also be invited to apply by a faculty member. In specific cases these requirements may be waived but only with the express approval of the Honors Director and the History Department Chairperson.

Honors Study Requirements:

Students in the Honors Program will complete a minimum of 9 hours of Honors-level work. The following requirements constitute the minimum program:

A. History 296: Historiography and Historical Method (3 hrs.)
Cons inst req; 3.5 GPA in History; Majors only.

This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program.

B. History 299: Independent Honors Study (Honors, 3 hrs.)
296 or cons reg req; adm to departmental honors prog; cons dept. Must be taken CR/NC.

This course gives students the opportunity to work with an individual faculty member to devise and research a project of the student's choice. Students will begin drafting the honors thesis in preparation for History 301.

C. History 301: Honors Thesis (Honors, 3 hrs.)
HIS 296 and 299; adm to dept honors prog; cons of dept. HIS 301 can be counted for the History 300 SENIOR SEMINAR major req. Cannot be taken CR/NC. Formerly HIS 294.

The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty.

GRADUATION WITH HONORS:

To graduate with Honors in the Department of History the student will be expected to complete the program outlined above and to maintain grades in departmental subjects so as to finish with an overall history average of 3.50. The Director of Honors and the History Department Chairperson will regularly evaluate students in the program. Any student

whose work does not meet the minimal standards of the program will not be allowed to continue.

History Programs

Degrees Offered: B.A., B.S.

MAJOR IN HISTORY

Admission to the History major, including the Teacher Certification Sequence, may be restricted by the lack of available Department resources.

The Department of History encourages students seeking bachelor's degrees to develop both global and multidisciplinary approaches to the study of history and to apply these methods to their studies in other disciplines. To develop their skills of historical analysis and to learn to think critically about historical accounts, students complete HIS 200 and 300. To acquire both a well-rounded and a global understanding of historical processes, students are required to take 6 hours each in the 3 fields of European, non-Western, and United States History.

The Department of History recognizes the value of language to the study of history from a global perspective. For this reason, the department recommends all students majoring in history complete a Bachelor of Arts program. Those students majoring in history but choosing to pursue a Bachelor of Sciences program must complete a minor program.

B.A. students are encouraged to improve their career opportunities by minoring in another discipline. B.A. students not opting for a minor must choose an area of concentration by taking a minimum of 9 hours in any field other than history or foreign language; at least 3 of these hours must be in 200- or 300-level courses. B.A. students are free to concentrate in any field but must acquire proficiency in a foreign language with at least 1 semester at the 115-level or higher taken in college. However, students are encouraged to continue their language studies beyond this level.

B.A. and B.S. students in the Teacher Certification Sequence are directed to concentrate in either Economics, Geography, Politics and Government, Anthropology or Sociology for an endorsement.

B.A. and B.S. students in either the History or History Teacher Certification Sequence must complete or be concurrently enrolled in HIS 200 before enrolling in any other 200-level courses and any 300-level courses. HIS 300 is a capstone course to be taken in the student's last full semester on campus. For students in the History Education Sequence, this would be the semester just prior to student teaching.

Prior to their graduation, all B.A. and B.S. students must submit to the Department an electronic writing portfolio consisting of research papers for HIS 200, 300 and other optional papers demonstrating their proficiency in critical historical thinking skills and methods. The portfolio must include a self-evaluation explaining the student's intellectual development as a History major at Illinois State University. In

addition, students must fulfill the following requirements:

Major in History, B.A.

- 36 hours in History required.
- Required courses: HIS 101, 102, 135, 136, 200, 300; 6 hours non-Western History listed in group 3 of “History Courses by Group for the Major.”
- 24 hours at the upper-division level (includes HIS 200), including 9 hours at the 300-level (includes HIS 300). HIS 200 is a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses.
- Students are encouraged to complete a minor; but, if a minor is not selected, they must complete a 9-hour concentration in any field other than history or foreign language, with at least 3 hours at the upper-division level.

Major in History, B.S.

- Requirements same as for B.A., except that students must complete a minor.

Teacher Certification Sequence:

- 42 hours in History required.
- Required courses: HIS 101, 102, 135, 136, 200, 290, 300, 390; 3 hours in United States History (in addition to HIS 135 and 136) listed in group 2 and 6 hours non-Western History listed in group 3 of “History Courses by Group for Major.”
- 24 hours at the upper-division level (includes HIS 200), including 9 hours at the 300 level (includes HIS 300). HIS 290 and HIS 390 may not be used toward this requirement. HIS 200 is a prerequisite/co-requisite for all other 200-level and a prerequisite for all 300-level History courses.
- Students must complete a 9-hour interdisciplinary area including ECO 105, POL 101 or 105 or 106, and GEO 135 or 140.
- The Teacher Certification Sequence is part of the entitlement program leading to secondary certification.
- A 2.75 GPA in the major and overall is required for admission to Teacher Education and for admission to Student Teaching. The deadline for admission to Student Teaching is January 10 to participate in the fall semester and August 15 to participate in the spring semester.

History Courses by Group for the Major:

Group 1: Methods and Topics: HIS 260, 268, 270, 274, 290, 292, 296, 301, 330, 390, 392, 394, 395, 398.

Group 2: United States History: HIS 241, 243, 244, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 264, 273, 278, 279, 309, 311, 315, 320, 321, 322, 323, 324, 325, 327, 329.

Group 3: Non-Western History: HIS 263, 265, 266, 269, 271, 272, 275, 276, 307, 351, 373, 375, 378.

Group 4: European History: HIS 218, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 341, 342, 345, 355, 356, 357, 362, 366.

MINOR IN HISTORY

- 21 hours in History required.
- Required courses: 12 hours at the upper-division level; 6 hours each in Group 2: United States, Group 3: Non-Western, and Group 4: European History (see listing under “History Courses by Group for the Minor.”)

MINOR IN HISTORY

For Teacher Education:

- 21 hours in History required; at least 12 hours in 200- or 300-level courses.
- Required courses: 9 hours in Group 2: United States. 6 hours in Group 3: Non-Western, and 6 hours in Group 4: European History (see listing under “History Courses by Group for the Minor”); HIS 290 recommended in addition to required courses; requirements for Teacher Certification in another major field must be met.

History Courses by Group for the Minor:

Group 1: Methods and Topics: HIS 100, 200, 260, 268, 270, 274, 290, 292, 296, 300, 301, 330, 390, 392, 394, 395.

Group 2: United States History: HIS 111, 112, 131, 135, 136, 241, 243, 244, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 264, 273, 278, 279, 309, 311, 315, 320, 321, 322, 323, 324, 325, 327, 329.

Group 3: Non-Western History: HIS 104.01, 104.02, 104.03, 104.04, 125, 126, 127, 128, 263, 265, 266, 269, 271, 272, 275, 276, 307, 351, 373, 375, 378.

Group 4: European History: HIS 101, 102, 119, 218, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 341, 342, 345, 355, 356, 357, 362, 366.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

History Courses

The Department attempts to offer its courses in the semesters indicated below. But because of changing faculty availability, which cannot be foreseen before this *Undergraduate Catalog* is printed, the Department cannot guarantee that a given course will always be taught in a given semester or year. In planning their programs, students are therefore advised to consult departmental faculty and advisors concerning the availability of individual courses.

100 WORLD HISTORY 3 F,S

Overview of historical stages (ecological, agricultural, urban, global) among human communities throughout the world, from Stone to Computer Age.

101 WESTERN CIVILIZATION TO 1500 3 F,S

Western civilization from its beginnings in the ancient Near East until the Renaissance, emphasizing cultural and political history.

102 MODERN WESTERN CIVILIZATION 3 F,S

Western civilization from the Renaissance to the present, emphasizing cultural and political history.

104 HISTORY OF ASIA, MIDDLE EAST, AFRICA, LATIN AMERICA, OR INDIGENOUS PEOPLES OC-DKCC/H 3 F,S

IDS 100; ENG 101 and COM 110 req. Not for cr if had HIS 103.

Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Topics vary from one section to another. Topic .01 Africa; Topic .02 East-Asia; Topic .03 Latin America; Topic .04 Middle East, Topic .05 South and Southeast Asia.

107 THE MAKING OF EUROPE OC-KD-H 3

IDS 100; ENG 101 and COM 110 req.

Explores the formation of Europe as a distinct historical entity.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/SOC 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

119 CONTINUITY AND CHANGE: INTRODUCTION TO WESTERN CULTURE OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req. Also offered as FOR 119.

Study of three key epochs in Western cultural history with emphasis on the dynamics of change and the forces of tradition.

125 HISTORY OF EAST ASIAN CIVILIZATIONS 3 F,S

Introduction to the major traditions of China and Japan; emphasis on continuity and change in modern Asia.

126 HISTORIES AND CULTURES OF THE MIDDLE EAST AND SOUTH ASIA 3 F,S

Formerly HISTORIES AND CULTURES OF THE MIDDLE EAST.

Political, cultural, social, and economic study, with an emphasis on cultural history, ethnicity, gender relations, and the emergence of nation-states.

127 HISTORY OF LATIN AMERICA 3 F,S

Cultural, economic, political, and social survey of Latin America from pre-Columbian to present times.

128 INTRODUCTION TO AFRICAN HISTORY 3 F,S

Political, social, cultural and economic survey of Sub-Saharan civilization from pre-historic to modern times.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as ENG 131.

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

135 HISTORY OF THE UNITED STATES TO 1865 3 F,S

Political, economic, social, and cultural developments from the colonial period to the Civil War.

136 HISTORY OF THE UNITED STATES SINCE 1865 3 F,S

Agrarian and industrial revolutions, development of American institutions, and America as a world power.

200 DOING HISTORY: AN INTRODUCTION 3 F,S

HIS/HIS Ed maj only; 15 hrs college cr req. cons dept req.

An introduction to the discipline, including study of research and writing techniques, historical methods, and the nature and varieties of history. Required of History and History Education majors as a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses. Must be taken by students who begin at Illinois State University no later than the end of their sophomore year, by transfer students by the end of the junior year.

- 218 SOCIAL HISTORY OF MODERN EUROPE** 3 F,S
European society since the French and Industrial Revolutions with reference to social order, class formation and social relationships under capitalism.
- 220 ANCIENT HISTORY: GREECE** 3 F
HIS 101 or 102 or cons inst req.
Political and cultural evolution of the Greek World from pre-classical times to the Hellenistic Age.
- 221 ANCIENT HISTORY: ROME** 3 S
HIS 101 or 102 or cons inst req.
The Roman republic and empire with emphasis on the constitutional evolution of Rome.
- 222 THE MIDDLE AGES: 395-1100** 3 F
HIS 101 or 102 or cons inst req.
The disintegration of ancient civilization and the gradual emergence of three successor civilizations: Byzantium, the Muslim World, and Western Europe.
- 223 THE MIDDLE AGES: 1100-1500** 3 S
HIS 101 or 102 or cons inst req.
The climax and decline of medieval civilization.
- 224 THE RENAISSANCE: EUROPE: 1300-1500** 3 F
Political, economic, social, intellectual, cultural transition to early modern Europe; spread of Renaissance from origins in Italy; exploration and discovery.
- 225 THE REFORMATION: EUROPE: 1500-1600** 3 S
Protestant and Catholic reformations in the setting of 16th-century politics, economics, society; intellectual and cultural currents; European expansion.
- 228 EUROPE IN THE NINETEENTH CENTURY: 1815-1914** 3 F
Liberalism, nationalism, democracy, militarism, imperialism, and the forces that led to World War I.
- 229 EUROPE IN THE TWENTIETH CENTURY** 3 F,S
The origins of the World Wars, Marxism-Leninism, Nazi and Soviet totalitarianism, and the role of Europe in the Cold War.
- 230 THE CONTEMPORARY WORLD** 3 F
Major economic, social, political, and cultural changes since 1945. The Cold War, the revolution in expectations, and the emerging concern over depletion of resources and environmental imbalances.
- 231 ENGLISH HISTORY TO 1688** 3 F
History of medieval and Tudor-Stuart England to the Revolution of 1688.
- 232 ENGLISH HISTORY SINCE 1688** 3 F
English history from the Glorious Revolution of 1688-89 to the present; political, social, and cultural history are emphasized.
- 233 MEDIEVAL RUSSIA** 3 F
Examination of life in Kievan Rus and Muscovy stressing their cultural contributions to European civilization.
- 234 IMPERIAL RUSSIA** 3 S
Formerly HISTORY OF RUSSIA SINCE 1725.
Analysis of the creation and maintenance of empire culminating in Russia's Golden and Silver Ages.
- 235 FRENCH HISTORY TO THE REVOLUTION** 3 F
French history from the Middle Ages to the French Revolution with emphasis upon French culture, including social, intellectual, and artistic movements.
- 237 MODERN GERMANY: 1848-PRESENT** 3 F
Survey of German social, political, diplomatic, and intellectual history in the 19th and 20th centuries.
- 241 COLONIAL LIFE AND INSTITUTIONS** 3 F
Transfer of European ideas, institutions, and customs to America, and their subsequent development on American soil.
- 243 THE EARLY NATIONAL PERIOD: 1787-1815** 3
Emphasis upon the establishment of a national government; the principles and influence of early federalism and of Jeffersonian democracy.
- 244 THE AGE OF JACKSON: 1815-1848** 3
HIS 135, equivalent, or cons inst req.
The awakening of American nationalism as typified by the economic, political, social, and cultural changes of the Jacksonian period.
- 246 CIVIL WAR AND RECONSTRUCTION: 1848-1877** 3 S
HIS 135 or 136, equivalent, or cons inst req.
Causes and process of secession, problems of the Lincoln and Davis administrations, conduct of the war, and the problems of reconstruction.
- 247 THE GILDED AGE IN AMERICA: 1877-1900** 3 F
HIS 136 or cons inst req.
Industrialization and responses to industrialism in America; special attention given to business and political leaders, farmers, African-Americans, and writers.
- 248 UNITED STATES IN THE TWENTIETH CENTURY TO 1945** 3 F,S
Formerly UNITED STATES IN THE TWENTIETH CENTURY TO 1933.
Significant aspects of American history from the Populist era to the end of World War II.
- 249 UNITED STATES IN THE TWENTIETH CENTURY SINCE 1945** 3 F,S
Formerly UNITED STATES IN THE TWENTIETH CENTURY SINCE 1933.
Significant aspects of American history from the 1945 to contemporary times.

**250 HISTORY OF WOMEN
IN THE UNITED STATES 3 F,S**

The role of women in the economic, social, political, and cultural history of America from the colonial period to the present.

**251 HISTORY OF AMERICAN
DIPLOMACY TO 1898 3 F**

The history of the foreign relations of the United States from the American Revolution to 1898.

**252 HISTORY OF AMERICAN
DIPLOMACY SINCE 1898 3 S**

The history of the foreign relations of the United States since 1898.

**253 AMERICAN CONSTITUTIONAL
HISTORY 3 F**

The history of American constitutional and legal developments from the colonial period to the present.

254 THE AMERICAN WEST 3 S
HIS 135 or 136, equivalent, or cons inst req.

Development of the trans-Mississippi West, exploration to present. Emphasis upon land-human relationships and the roots of environmental concerns.

255 TRANS-APPALACHIAN FRONTIER 3 F
HIS 136 or cons inst req.

The westward movement and its influence, including frontier culture and institutions, from the East Coast to the Mississippi Valley.

256 AMERICAN BUSINESS HISTORY 3 F
HIS 135 or 136, equivalent, or cons inst req. Formerly AMERICAN ECONOMIC HISTORY.

Industrialization of America; the problems of agriculture, monopoly, and labor; the role of government in regulating and guiding economic activity.

**257 AFRICAN-AMERICAN
HISTORY TO 1865 3 F**

The history of African Americans from Colonial times to the Civil War.

**258 AFRICAN-AMERICAN
HISTORY SINCE 1865 3 S**

The history of African Americans from the Reconstruction period to the present.

259 HISTORY OF ILLINOIS 3 F
HIS 135 or 136 or cons inst req.

A survey of the history of Illinois from the time of the French explorers to the present.

260 HISTORY OF CANADA 3 S
Survey of the history of Canada from the settlement of the French colonists in the 17th century to the present.

263 MODERN MEXICO 3 F
Survey of Mexican history from the mid-18th century.

**264 HISTORY OF WOMEN IN
NORTH AMERICA OC-KD/SS 3 F**
Inner Core req. MC-UST or MC-IS category req.

Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean.

265 AFRICAN CIVILIZATION 3 F
Political, social, cultural, and economic survey of Sub-Saharan African Civilization from about 1000 to about 1884 (European expansion).

266 MODERN AFRICA 3 S
Political, social, cultural, and economic survey of Modern Africa from the beginnings of European expansion to the present.

268 PEACE HISTORY 3 F
A historical survey of peace reformers, ideas, organizations, institutions, and movements in the Western and non-Western world.

**269 HISTORY OF JAPANESE
RELIGIONS 3 F**
A study of the development of Japanese Religions from Pre-History to the present.

270 WORLD RELIGIONS/WORLDBIEWS 3
The great religions of the world, primarily Judaism, Hinduism, Buddhism, Christianity, and Islam; also includes Zoroastrianism, Confucianism, Taoism, Shintoism, primal religion, humanism, Marxism, and civil religion.

271 ISLAMIC CIVILIZATION 3 F
Political, social, economic survey of the Middle East from Muhammad to the 19th century, emphasizing origins and achievements of the Islamic age.

272 MODERN MIDDLE EAST 3 S
Political, social, and economic survey of the Middle East from the 19th century to the present, emphasizing the rise of the modern nation-states.

**273 THE IMMIGRANT IN
AMERICAN HISTORY 3**
The changing role of immigration in American social, economic, and political history.

274 HISTORY OF MODERN MEDICINE 3
A survey of the rise of modern medicine from 1500 to the present.

**275 HISTORY OF JAPANESE
CIVILIZATION 3**
Topical and chronological examination of Japanese religions, philosophies, art, music, literature, societal values and behavior to 1800.

**276 HISTORY OF CHINESE
CIVILIZATION 3**
Topical and chronological examination of Chinese religions, art, music, literature, societal values and behavior to 1911.

**278 UNITED STATES
MILITARY HISTORY 3 F**
HIS 102 or 135 or 136 or cons inst req.

U.S. military history in a global context from the colonial period to the present.

279 WORLD WAR II 3 S
General survey of World War II including military, diplomatic, and cultural concerns.

290 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY I 3
C or better in C&I 216 or conc reg req. Exceptions may be made by cons inst. Req for HIS or SSC maj in Teacher Ed programs. Incl Clin Exp.

Special methods and pre-student teaching clinical experiences for History-Social Science Teacher Education students. Includes observation and participation in classroom settings. Must be completed prior to student teaching.

292 CAREERS FOR HISTORY AND SOCIAL SCIENCES MAJORS 1

Acquaints students with career opportunities and relates History and Social Sciences skills learned to those needed in various career situations. Includes instruction in job placement skills.

296 HISTORIOGRAPHY AND HISTORICAL METHOD 3 F
Cons inst req; 3.5 GPA in history; Majors only.

This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program.

300 SENIOR SEMINAR IN HISTORY 3 F,S
HIS/HIS Ed maj only. HIS 200 or cons inst req.

An advanced study of the methods, sources, and problems of the field of history, using a topical approach that varies from section to section. To be taken in the last full semester on campus.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj. ECO/GEO/POL/PSY 138 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Politics and Government, Sociology, and World History) req; completion of at least 12 hrs of senior-level SSC courses req. Also offered as ECO/GEO/POL/SOC/ANT 300.01.

An intensive examination of a selected issue in the social sciences, taught from an interdisciplinary perspective, culminating in a capstone student research project. To be taken in last full semester on campus.

301 HONORS THESIS 3 F,S
HIS 296 and 299; adm to dept honors program; cons of dept req. May be counted for HIS 300 SENIOR SEMINAR major req. Cannot be CR/NC. Formerly HIS 294.

The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty.

306 REGIONAL AND AREA STUDIES 1-9
Any 200-level HIS course or cons inst req. Materials charge optional.

Intensive on-site study of particular lands, environments, cultures, and peoples.

307 SELECTED TOPICS IN NON-WESTERN HISTORY 3 F,S
1 of the following: HIS 103.01, 103.02, 103.03, 103.04, 104.01, 104.02, 104.03, 104.04, 125, 126, 127, 128, 263, 265, 266, 271, 272, 275, 276 or IDS 203; and HIS 200 or cons inst req. May be repeated if topic different.

The study of non-Western history through a topical approach. Topics will vary from semester to semester.

308 SELECTED TOPICS IN EUROPEAN HISTORY 3 F,S
HIS 101, 102 and 200 or cons inst req.

The study of European history through a topical approach. Topics will vary from semester to semester. May be repeated for credit if content is different.

309 SELECTED TOPICS IN UNITED STATES HISTORY 3 F,S
HIS 135; HIS 136; HIS 200 or cons inst req. May be repeated for cr if topic different.

This course focuses on a specific topic or era of United States history, emphasizing conflicting interpretations and use of primary sources.

311 AGE OF THE AMERICAN REVOLUTION 3

The emergence of the United States as an independent nation from 1763 to the Constitutional Convention in 1787.

315 SLAVERY AND THE OLD SOUTH 3
HIS 135 or 257 or cons inst req.

Historiography of slavery and the pre-Civil War South.

320 LINCOLN: THE MAN AND HIS TIMES 3
Any 200-level American History course or cons inst req.

Attention directed especially toward the work of Lincoln in Illinois, his leadership during the Civil War, and his relationships with people and events of his time.

321 GREAT FIGURES OF AMERICAN HISTORY 3
Any 200-level American History course or cons inst req.

Personalities selected from American history with emphasis on the contributions and lasting influence of significant individuals.

322 AMERICAN URBAN HISTORY 3
1 of the following: ECO 238, GEO 204, HIS 200, POL 209, SOC 271; or cons inst req.

Survey of the history of the American city from the Colonial Era to the present.

323 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1620-1860 3
HIS 135 or cons inst req.

American progress in the fine arts, philosophy, literature, and science from Puritan times to 1860.

324 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1860- PRESENT 3
HIS 136 or cons inst req.

The impact of naturalism, industrialization, secularization, and urbanization upon American culture since 1860.

325 PROBLEMS IN TWENTIETH-CENTURY UNITED STATES CONSTITUTIONAL HISTORY 3
Any 200-level American History course or cons inst req.

Major problems in American constitutional history since the Progressive Era; civil rights, freedom of speech and religion, federal-state relations.

327 AMERICAN LABOR HISTORY 3*HIS 136 or cons inst req.*

The Industrial Revolution's impact upon workers with emphasis on the responses through unions and politics and on the role of government.

329 RURAL LIFE AND SOCIETY IN THE U.S.: 1800-PRESENT 3 F*Any 100- or 200-level United States History course or cons inst req.*

Examines American rural society from 1800 to the present, with emphasis upon the impact of change upon farming communities.

330 THE FAMILY IN HISTORY 3*Any 100- or 200-level HIS course or cons inst req.*

History of the family in Europe and America, viewing the changes from idealist, economic determinist, family systems, and psychoanalytic perspectives.

341 EUROPEAN INTELLECTUAL HISTORY TO 1600 3*HIS 101 or 102 or cons inst req.*

The ideas of the ancient world, Middle Ages, Renaissance, Reformation, examined in a social, political and economic context.

342 EUROPEAN INTELLECTUAL HISTORY SINCE 1600 3*HIS 101 or 102 or cons inst req.*

The ideas of the scientific revolution, Enlightenment, 19th and 20th centuries, examined in a social, political and economic context.

345 FRENCH REVOLUTION AND NAPOLEON: 1789-1815 3*Any 200-level European History course or cons inst req.*

Society, culture and government under the monarchy; destruction of the old order; rise and fall of Napoleonic France.

351 ANCIENT NEAR EAST 3*Any 200- or 300-level non-United States History course or cons inst req.*

The civilizations of Mesopotamia and Egypt from the neolithic period to 500 B.C.

355 POPULAR CULTURE IN EARLY MODERN EUROPE 3

History of the culture of the common population of Europe 1400 to 1800: pre-conditions, formation, principal elements, decline of the culture.

356 THE ENLIGHTENMENT 3*HIS 102 or cons inst req.*

Intellectual and social history of the Western world during the 18th century.

357 LATE MEDIEVAL AND EARLY MODERN BRITAIN 3 F,S*HIS 231 or cons inst req. Not for cr if had 226, 227, 359, or 360.*

Selected topics in British history, c. 1350 - c. 1750.

366 SOVIET RUSSIA 3*Formerly TWENTIETH CENTURY RUSSIA.*

Study of communist revolution, culture, and dictatorship and its transformation into a contemporary European democracy.

373 HISTORY OF MODERN CHINA 3

Concentrates on the Western and Chinese collision since the 1800's and the responses of traditional, national, and contemporary China to modernization.

375 HISTORY OF MODERN JAPAN 3

Concentrates on Japan's modernization, goals of Meiji leaders, contradictory tendencies of pre-war Japan, and contemporary Japan.

378 ISLAM 3

In-depth study of Islam, focusing on ideas rather than events. Topics include law, mysticism, art, and resurgent Islam.

390 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY II 3*C or better in HIS 290 and C&I 216 or conc req req. Incl Clin Exp. Adm to Teacher Ed req.*

History-Social Science materials, use of instructional models, and clinical experiences. Must be completed prior to student teaching.

392 INSTRUCTIONAL TECHNOLOGY FOR HISTORIANS 3*12 hours of HIS or cons inst req.*

Use of computers for retrieval and analysis of historical evidence and for presentation of information and in instruction.

394 ORAL HISTORY 3*HIS 135 or 136 or cons inst req.*

Study and use of oral history as a research tool, and its application as a research technique.

395 ARCHIVES AND MANUSCRIPTS 3*Any 200-level HIS course or cons inst req.*

Nature, acquisition, processing and use of archives and manuscripts. Emphasis on theory and principles with practical exercises.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN HISTORY 1-16 F,S*Cons of dept's intern coord req; 75 hrs completed; 2.6 GPA overall and in major; History maj (incl those in teacher ed seq) and Social Science Education maj only. Max 6 hrs towards HIS/HIS Ed maj.*

Planned, supervised experience in a professional capacity in archives, business, government, historical archaeology, historical preservation, historical editing and publishing, historical societies, museums, or other application of history.

MATHEMATICS (MAT) 452

313 Stevenson Hall, (309) 438-8781

Web address: www.math.ilstu.edu

Chairperson: Catherine Konsky

Tenured/Tenure-track Faculty:

Distinguished Professor: Thornton.

Professors: Berk, Eggleton, El-Zanati, Friedberg, Jones, Lubinski, Marsalli, Plantholt, Presmeg, Shilgalis, Spence, Vanden Eynden.

Associate Professors: Day, Gamage, Langrall, Ortaszewski, Tipnis.

Assistant Professors: Barrett, Cottrill, Falcone, Ionescu, Martin, McCrone, Meier, Mooney, Rich, Warfield.

For current information on faculty interests and email addresses, Mathematics programs, and schedule of classes, visit our Internet Web site: www.math.ilstu.edu.

General Department Information

Mathematics Requirements for Elementary and Middle School Education Majors:

Junior High/Middle School Mathematics Specialization (30 hrs) courses recommended: MAT 130, 202, 204, 207, 302, 307, 309, 312, 314, 315.

Grades 6-8 Mathematics Endorsement (18 hours, 3 hours of Grades 6-8 Mathematics methods and 15 hours from 4 different Mathematics content areas. C&I 233 and PSY 302 are also required). Courses recommended: Methods: 302 and 15 hours from 4 of the following areas: General Content: 309, 315; Calculus: 314; Modern Algebra or Number Theory: 207, 305, 307, 330; Geometry: 204, 304; Computer Science: 166; Probability and Statistics: 312; History of Mathematics: 320.

NOTE: The recommended courses in the Junior High/Middle School Mathematics Specialization will result in a Grades 6-8 Mathematics Endorsement.

Additional Study in Mathematics for Early Childhood and Elementary Education Majors requires 18 hours chosen from the following (9 hours of which must be at or above the 200-level): MAT 120, 121, 144, 145, 146, 147, 175, 204, 207, 210, 211, 236, 247, 260, 304, 305, 307, 309, 312, 314, 315, 320, 321, 330, 336, 337, 340, 341, 345, 347, 350, 351, 353, 356, 361, 362, 363, 378. (For a Grades 6-8 Mathematics Endorsement, see previous paragraph.) Courses recommended: MAT 204, 207, 307, 309, 312, 314, or 315.

Cooperative Education/Internship in Mathematics:

The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Cooperative Education/Internship Coordinator.

HONORS IN MATHEMATICS

The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Director of the Mathematics or the Mathematics Education Honors Program. The Department also offers in-course honors for students enrolled in the University Honors Program.

MINOR IN COGNITIVE SCIENCE

The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Mathematics Programs

Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:

Career needs in a wide variety of vocations are met by the diverse course offerings in the Mathematics Department. These include vocations in Secondary Teaching, Business Management, and Actuarial Science; vocations that involve research or applications of Mathematics in business, government, and industry; and vocations involving research or applications of Mathematics in the physical and social sciences. The needs of those preparing for continued study and research in Mathematics are met also by the departmental offerings. The undergraduate degree programs are designed to be sufficiently flexible to meet career aspirations, to allow for individual exploration in various areas of interest, and also to permit suitable breadth for a liberal education.

Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Undergraduate Director and from the Mathematics Career Center in Stevenson 313.

Students interested in meeting the requirements for certification to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an **asterisk** should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):

- **Business Management:** 250, 260, 337, 340, 350, 351*, 353, 356, 361, 362*, 363, 378.
- **Secondary Teaching:** 210, 211*, 223*, 236*, 247, 250*, 260*, 320, 321, 323*, 324*, 326*, 330*, 336, 347, 350, 362, 378.
- **Business, Government, and Industry:** 250, 260, 337, 340*, 341, 345, 350, 351*, 353, 356*, 361, 362, 363, 378.
- **Applications or Research in Physical Sciences:** 236, 250, 336, 337, 340*, 341*, 345*, 350, 378.
- **Applications or Research in Social Sciences:** 250, 260, 337, 340, 350*, 351*, 356*, 361, 362, 363, 378.
- **Graduate Study and Research in Mathematics:** 210, 236*, 247, 330, 336*, 337*, 340, 341, 345, 347*, 350, 351, 361, 378.

Admission Requirements for Majors:

New freshmen with 4 years of high school Mathematics may declare a major in the Department of Mathematics. External or internal transfer students may be admitted into a major if they have completed at least 1 semester of college calculus with a grade of C or better.

Departmental requirements for admission to the University Teacher Education program include a minimum Mathematics GPA of 2.2, a cumulative GPA of 2.5 and a positive recommendation from the Teacher Education Coordinator.

The term “Mathematics GPA” used above and throughout this *Undergraduate Catalog* means a GPA computed using all college Mathematics courses completed at Illinois State University that are eligible for credit toward the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 105, 108, 111, 119, 120, 121, 130, 131, 152, 160, 162, 201, 202, 204, 207, 298, 298.50, 302, 304, 305, 307, 309, 312, 314, 315, 385. In addition, MAT 280 is not eligible for credit toward MAT/MAT Education Sequences.

Graduation GPA Requirement for Majors:

The minimum graduation Mathematics GPA is 2.0 for a Mathematics Major and 2.2 for a Mathematics Education Major. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.

NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes. A maximum of 4 hours credit may be given toward a major or minor for acceptable precalculus courses based upon advanced placement or transfer.

MAJOR IN MATHEMATICS

- A minimum of 42 hours in Mathematics required.
- Required courses: MAT 145, 146, 147, 175, 247, 260, 350; ENG 145 or 249 or equivalent.
- 1 computer programming course from: ACS 165, 168. **NOTE:** Hours taken in Applied Computer Science do not count toward the required 42 hours in Mathematics.
- At least 1 course chosen from MAT 236, 330, 337, 347, 363.
- 2 course-pairs from the following groups. These course-pairs must be selected from different groups:
 - Algebra group:** (MAT 236, 336); (MAT 236, 337).
 - Analysis group:** (MAT 247, 345); (MAT 247, 347); (MAT 340, 341).
 - Discrete group:** (MAT 260, 361); (MAT 260, 362); (MAT 260, 363).
 - Statistics group:** (MAT 350, 351); (MAT 350, 378).
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Majors:

- Schedule (a) Students beginning with Precalculus
- Schedule (b) Students beginning with Calculus I
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175	247, 260
5	247, 260	247, 260	electives

Teacher Certification Sequence:

(This sequence of the major is part of the entitlement program leading to high school certification and/or high school and junior high school endorsement.)

- A minimum of 40 hours in Mathematics is required.
- Required courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 323, 324, 350. **NOTE:** MAT 211 and C&I 216 or equivalent, and MAT 236 (or conc reg) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience.
- Computer Science Requirement: MAT 326 or one computer course from: ACS 165 or 168 **NOTE:** Hours taken to fulfill this computer science requirement do not count toward the required 40 hours in Mathematics.
- 1 additional course must be chosen: MAT 247 or one of those 300-level courses available for maj/min credit.
- Students are encouraged to take electives from the list of Secondary Teaching courses above.
- Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
- Professional Education Requirements: PSY 215; C&I 214, 215, 216; EAF 228 or 231 or 235; Student Teaching 399.
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Teacher Certification Sequence Majors:

- Schedule (a) Students beginning with Precalculus
 Schedule (b) Students beginning with Calculus I
 Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175	211, 260
5	211, 260	211, 260	electives

Actuarial Science Sequence:

This sequence of the major is designed to prepare actuaries for work in the insurance industry or as consultants dealing with the risk of potential financial losses. Graduates of the program are prepared for an actuarial career (Life and Health field or the Property and Casualty field), in addition to learning the mathematical foundations of actuarial science.

- Required courses: MAT 145, 146, 147, 175, 280, 350, 351, 353, 380, 383, 384; ACC 131, 132; ACS 155.01 or 168; ECO 105, 240; FIL 240, 250.
- Submission of senior portfolio (see actuarial advisor).
- Students are encouraged to take MAT 298 (internship) and reviews for Actuarial Examination 1 and 2 offered through the ISU Conferencing Unit and Extended University.

Suggested Mathematics Schedules for Actuarial Science Majors:

- Schedule (a) Students beginning with Precalculus
 Schedule (b) Students beginning with Calculus I
 Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147, 175	175, 280	280, 350
5	280, 350	350	351, 380
6	351	351, 380	353, 383
7	353, 380	353, 383	384
8	383, 384	384	Open

Required courses in the Actuarial Science Sequence (listed above) provide the content for Courses 1, 2, 3 and 4 professional exams co-sponsored by the Society of Actuaries and the Casualty Actuarial Society. Courses correspond to the content of these actuarial exams as follows:

Course 1: Calculus I-III, (MAT 145, 146, 147), Applied Probability Models (MAT 350), Risk and Insurance (FIL 250).

Course 2: Theory of Interest (MAT 280), Principles

of Economics (ECO 105), Intermediate Microeconomics (ECO 250), Business Finance (FIL 240).

Course 3: Actuarial Models I (MAT 380), Actuarial Models II (MAT 383).

Course 4: Statistics and Data Analysis (MAT 351), The Analysis of Time Series (MAT 353), Actuarial Modeling (MAT 384).

MINOR IN MATHEMATICS

- 22-24 hours in Mathematics required.
- Required courses: MAT 145 and 146.
- At least four courses chosen from MAT 147, 175, 236, 247, 250, 260, 330, 336, 337, 340, 341, 345, 347, 351, 361, 362, 363, 378.

MINOR IN MATHEMATICS

For Teacher Education:

- Required courses: MAT 145, 146, 147, 175, 211, 236, and 323. **NOTE:** MAT 211 and C&I 216 or the equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323.
- Students should consult an advisor. One additional Mathematics elective is required to satisfy certification.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Mathematics Courses

- A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
- Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.

102 BASIC ALGEBRA 4 F,S

Does not count toward graduation. CR/NC only.

Introduction to the basic concepts of elementary algebra.

104 INTERMEDIATE ALGEBRA 3 F,S

Mathematics placement or cr in MAT 102 req. Does not count toward graduation. CR/NC only. Not for cr if had MAT 107. Scientific calculator required. Meets 5 days a week.

Intermediate course between one year of high school algebra and college algebra.

105 ELEMENTARY APPLICATIONS OF MATHEMATICS 3 F,S

Geometry and Intermediate Algebra req. Not for cr maj/min or if had MAT 120. Not intended as preparation for any other MAT course. Scientific calculator req.

Problems in physical, biological and social sciences, business, politics, games and other fields solved by algebra, geometry, linear programming, probability, etc.

108 TRIGONOMETRY 2 F,S

Mathematics placement or C or better in MAT 119 req. Not for cr maj/min or if had MAT 109. Dept-approved graphing calculator req.

Circular functions, their graphs, inverses, identities and applications. Right triangle trigonometry and applications.

111 DATA AND CHANCE IC-M 3 F,S

IDS 100 or conc reg req. Mathematics placement or MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific calculator req.

Data representations, curve fitting, interpretation of polls and experiments, central tendency, statistical reasoning, applications of probability. Technology used where applicable.

119 COLLEGE ALGEBRA 3 F,S

Mathematics placement or MAT 104 req. Not for cr maj/min. Dept-approved graphing calculator req. Meets 5 days a week.

Functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions. Algebra of polynomials. Solving quadratic, exponential, and logarithmic equations. Solving quadratic, rational, and absolute value inequalities.

120 FINITE MATHEMATICS IC-M 4 F,S

IDS 100 or conc reg req. Mathematics placement or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance.

121 APPLIED CALCULUS MC-QR 4 F,S

IDS 100; C or better in MAT 120 and either Mathematics placement or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req. Formerly INTRODUCTION TO CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.

Non-linear functions, intuitive differential, integral, and multivariate calculus, applications.

130 DIMENSIONS OF MATHEMATICAL PROBLEM-SOLVING IC-M 3 F,S

IDS 100 or conc reg req. Mathematics placement or MAT 104 req. Not for cr maj/min. May not be taken under the CT/NC option. Scientific calculator req.

Focus on mathematical problem-solving and reasoning with understanding of numbers and their properties through various representations, including algebraic.

131 GEOMETRIC REASONING: GEOMETRY AS EARTH MEASURES MC-QR 3 F,S

IDS 100; MAT 111, 120, 130, or 145 req. Not for cr maj/min.

A multidimensional focus on geometry as visualization, construction of figures, the study of the physical world, and a mathematical system.

144 PRECALCULUS 4 F,S

Mathematics placement or C or better in both MAT 108 and MAT 119 req. Dept-approved graphing calculator req.

Polynomial, absolute value, rational, exponential, logarithmic, and trigonometric functions and their graphs. Properties of trigonometric and inverse trigonometric functions and their applications. Conics, translation, and rotation of axes.

145 CALCULUS I IC-M 4 F,S

IDS 100 or conc reg req. Mathematics placement or C or better in MAT 144 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Polynomial, exponential, logarithmic, and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications.

146 CALCULUS II MC-QR 4 F,S

IDS 100; C or better in MAT 145 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.

Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series, and Taylor's Theorem. Differential equations.

147 CALCULUS III 4 F,S

C or better in MAT 146 req. Dept-approved graphing calculator req.

Polar coordinates and parametric equations in the plane with applications. Vector curves and surfaces in space. Partial derivatives, gradients, directional derivatives, and tangent planes. Multiple integration and line integrals.

152 STRUCTURE OF NUMBER SYSTEMS II 3 F,S

C or better in MAT 130 req. Not for cr if had MAT 202 or 204. Not for cr maj/min.

Concepts and structure of real numbers. Probability, statistics, geometry, measurement, and algebra.

160 ELEMENTARY DISCRETE MATHEMATICS 4 F,S

C or better in MAT 120 or 145. Not for cr maj/min.

Elementary introduction to discrete mathematics, comprising topics relevant to computer science. Logic, algorithms, recursion, enumeration, relations, graph theory (including trees).

- 162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Not for cr maj/min. May not be taken under the CT/NC option. Also offered as POL 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

- 175 ELEMENTARY LINEAR ALGEBRA** 4 F,S
C or better in MAT 146 req; 147 rec. Dept-approved graphing calculator req.

Vector geometry, matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, applications to the physical and social sciences.

- 201 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL** 3 F,S
C or better in MAT 130 and C or better in MAT 152 or MAT 202 req. Completion of 60 hrs req. Not for cr maj/min.. May Incl Clin Exp.

Background for meaningful teaching of whole numbers, fractions, and geometry/measurement concepts. Special emphasis on planning instruction for children at the K-8 level.

- 202 MATHEMATICS FOR THE MATH K-8 SPECIALIST** 3 F,S
C or better in MAT 130 req. 2.5 maj GPA req. Not for cr maj/min. Dept-approved graphing calculator req.

Background for teaching algebra topics in the junior high school curriculum.

- 204 GEOMETRY FOR K-8 TEACHERS** 3 F,S
C or better in MAT 202, or conc reg req. Not for cr maj/min. May Incl Clin Exp. Dept-approved graphing calculator req.

Geometry relevant to grades K-8. Informal proof, congruence, parallelism, similarity, transformational geometry, and measurement.

- 207 FUNCTIONS AND TECHNOLOGY FOR K-8 TEACHERS** 3 F,S
C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req.

The study of families of functions from the perspective of multiple representations and applications using technology.

- 210 SYMBOLIC LOGIC I** 3 F,S
1 yr each high school algebra and high school geometry req. Also offered as PHI 210.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

- 211 EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY** 4 F,S
C or better in MAT 175 or conc reg req.

Inductive and deductive study of Euclidean geometry; includes transformations, tessellations, polyhedra, classical theorems, introduction to non-Euclidean geometry.

- 223 INTRODUCTION TO SECONDARY MATHEMATICS EDUCATION** 1 F,S
C or better in MAT 145 or 314. CR/NC only. Incl Clin Exp: 2 hrs, Type 1.

An introduction to secondary mathematics teaching centered around classroom observations, discussion of teaching and learning, and doing mathematics.

- 236 ELEMENTARY ABSTRACT ALGEBRA** 4 F,S
C or better in MAT 175 req.

Introduction to rings, integral domains, and fields including the ring of integers, the fields of real and complex numbers, quotient rings, polynomial rings, homomorphisms, and ideals.

- 247 ELEMENTARY REAL ANALYSIS** 3 F
C or better in MAT 147 and 175 req.

Careful examination of the theory of calculus through the study of properties of the real line.

- 250 INTRODUCTION TO PROBABILITY AND STATISTICS** 4 F,S
MAT 121 or MAT 145 req. Formerly MAT 289.22.

Basic probability and statistical inference. Statistical coverage includes comparison of means and regression analysis. Extensive use of calculators and computers.

- 260 DISCRETE MATHEMATICS** 4 F,S
C or better in MAT 146 req.

Counting problems, generating functions, recurrence relations, inclusion-exclusion, graphs, matching and covering, pigeonhole principle, applications.

- 280 THEORY OF INTEREST** 3 S
C or better in MAT 146 or cons inst req.

Compound interest, accumulation function, force of interest. Annuities. Yield rate of calculation. Amortization schedules. Bonds and other securities. Practical applications.

- 298 PROFESSIONAL PRACTICE: INTERNSHIP IN MATHEMATICS** 2-4 F,S,Summer
MAT 175 plus 2 approved courses in MAT beyond 175; 2.75 overall GPA and 3.0 dept GPA. May be repeated; max 8 hrs. No cr maj/min. Cons dept chair req. CR/NC only.

Practical experience through professionally-oriented work in business, government, or industry. One credit per month of full-time employment.

- 302 TEACHING MATHEMATICS IN GRADES 5-8** 3 F,S
C or better in MAT 202 and 204 req. Not for cr maj/min. May Incl Clin Exp.

Problems, viewpoints, and trends in teaching middle school or junior high mathematics. Implications of research related to organization, content, and techniques for teaching mathematics in grades 5-8.

- 304 TOPICS IN GEOMETRY AND MEASUREMENT FOR K-8 TEACHERS** 3
C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req.

Geometry and measurement topics related to the elementary and junior high school curricula.

305 TOPICS IN ALGEBRA AND COMBINATORICS FOR K-8 TEACHERS 3

C or better in MAT 202 req. Not for cr maj/min. Dept-approved graphing calculator req. Materials charge optional.

Algebra and counting topics related to elementary and junior high school curriculum.

307 MODERN ALGEBRA FOR K-8 TEACHERS 3 F,S

C or better in MAT 207 req. Not for cr maj/min. Materials charge optional. Formerly MAT 205.

Algebraic concepts and structures relevant to grades K-8. Structure of familiar number systems compared to and contrasted with other mathematical systems.

309 PROBLEM-SOLVING IN GRADES K-8 3 F,S

C or better in MAT 204 and 207 req. Not for cr maj/min. Dept-approved graphing calculator req.

Formulation, solution, and extension of problems from various areas of mathematics. Emphasis on inductive, deductive, and inferential reasoning and on solution processes and strategies.

312 PROBABILITY AND STATISTICS FOR K-8 TEACHERS 3 F,S

C or better in MAT 204 and 207 req. Not for cr maj/min. May Incl Clin Exp. Dept-approved graphing calculator req.

Descriptive statistics, lines of best fit, basic concepts of probability, simulation, probability distributions, expectation, and counting techniques.

314 CONCEPTS OF CALCULUS FOR K-8 TEACHERS 3 S

C or better in MAT 309 or cons inst req. Not for cr maj/min. Dept-approved graphing calculator req.

Concepts of differential and integral calculus, including limits, sequences, and transcendental functions. Emphasis on the role of calculus in Mathematics and problem-solving.

315 MATHEMATICAL MODELING FOR MIDDLE SCHOOL TEACHERS 3 F

C or better in MAT 309 and 312 req. Not for cr maj/min. Dept-approved graphing calculator req.

Mathematical modeling and problem-solving with applications involving networks and communication systems, finance, locating positions on the surface of the earth, data systems, and biology.

320 HISTORY OF MATHEMATICS TO 1600 2

MAT 145 rec.

Emphasis on Greek geometry, and growth of algebra and algebraic notation from early Mesopotamia through Renaissance.

321 HISTORY OF MATHEMATICS 1600-PRESENT 2

C or better in MAT 147 req.

Development of modern Mathematics (analysis, algebra, geometry) and the people in the forefront, beginning with Descartes. Emphasis on the 19th century.

323 TEACHING MATHEMATICS IN THE SECONDARY SCHOOL 3 F

C or better in MAT 211; C or better in MAT 236 or conc reg; C&I 216; and at least a 2.2 MAT GPA req. Dept-approved graphing calculator req. Incl Clin Exp: 35 hrs, Type 1-5, 9. Adm to Teacher Ed req.

The selection, placement and teaching of secondary mathematics topics. Analysis of recent trends and practices.

324 SEMINARS FOR STUDENT TEACHERS OF MATHEMATICS 3 S

C or better in MAT 323 and conc reg or completion of student teaching in MAT req. Dept-approved graphing calculator req. Incl Clin Exp: 25 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Examination of specific methods and materials for teaching algebra, geometry, and other secondary topics. Emphasis is on mainline core secondary mathematics topics and the professional aspects of mathematics teaching.

326 TECHNOLOGY TOOLS FOR SECONDARY SCHOOL MATHEMATICS 3 F

C or better in MAT 175 req. Dept-approved graphing calculator req.

Integrating computers and calculators in the secondary Mathematics curriculum.

330 NUMBER THEORY 3

C or better in MAT 175 or MAT 260 req.

Divisibility, primes, unique factorization, numerical functions, congruences, Diophantine equations, other topics.

336 ADVANCED ABSTRACT ALGEBRA 3

C or better in MAT 175 req; MAT 236 rec.

Introduction to groups, including permutation, symmetry and matrix groups, homomorphisms, normality, quotient groups, applications.

337 ADVANCED LINEAR ALGEBRA 4 F

C or better in MAT 175 and sr standing req.

Abstract vector spaces, linear transformations and matrices, inner product spaces, eigenvalues and eigenvectors, diagonalization. Applications to geometry, the physical and social sciences.

340 DIFFERENTIAL EQUATIONS I 3 F,S

C or better in MAT 147; MAT 175 or conc reg; and C, FORTRAN, Pascal, PL/I, or approved programming language req.

First-order differential equations, linear differential equations, systems of differential equations, applications of differential equations, numerical solutions.

341 DIFFERENTIAL EQUATIONS II 3 S

C or better in MAT 175 and 340 req.

Power series solutions, Laplace transforms, Fourier series, boundary-value problems, introduction to partial differential equations (Laplace, heat, and wave equations).

345 ADVANCED CALCULUS 4

C or better in MAT 147 and 175 req.

Calculus of functions of several variables, Taylor's series of several variables, maxima and minima, Lagrange multipliers, inverse and implicit function theorems, multiple integration, line integrals, Green's, Stokes', and the divergence theorems.

347 ADVANCED REAL ANALYSIS 4 S

C or better in MAT 336 or 337 or cons inst req.

The real number system, topology of metric spaces, sequences, continuous functions, uniform convergence, differentiation, Taylor's Theorem, Riemann integration, the fundamental theorem of calculus, infinite series, power-series.

350 APPLIED PROBABILITY MODELS 4 F,S

C or better in MAT 147 req. Formerly MATHEMATICAL STATISTICS I.

Sample spaces, discrete and continuous random variables, probability functions, density functions, moment generating functions, important families of distributions, multivariate distributions. Applications to risk management.

351 STATISTICS AND DATA ANALYSIS 4 F,S

C or better in MAT 250 or MAT 350 req. Formerly MATHEMATICAL STATISTICS II.

Chi-square, F, t, and bivariate normal distributions, Central Limit Theorem, goodness-of-fit tests, correlation and regression, analysis of variance, randomized block designs, non-parametric methods.

353 THE ANALYSIS OF TIME SERIES 4 F

ECO 331 or MAT 350 or cons inst req. Also offered as ECO 353.

Theory and application of regression and time series methods with reference to business and economic time series. Topics include regression, exponential smoothing, and Box-Jenkins methods. A computer statistical package will be used.

356 STATISTICAL COMPUTING 4

C or better in 2 statistics courses; some facility with mathematics req.

Application of SAS and SPSS programs to real data emphasizing regression, and analysis of variance.

361 TOPICS IN DISCRETE MATHEMATICS 2-4

C or better in MAT 175 or MAT 260 and approved programming language req. Each topic may be taken once.

Study of selected areas of discrete mathematics. Consult the *Class Registration Directory* for the topics to be offered and the hours of credit to be earned during any given semester.

362 LINEAR PROGRAMMING 4 F

C or better in MAT 175 and C, FORTRAN, Pascal, PL/I, or approved programming language req.

Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems.

363 GRAPH THEORY 4 F

C or better in MAT 175 or 260, and C, FORTRAN, Pascal, PL/I, or approved programming language req.

Introduction to graph theory, connectivity, matching, coloring, network flows with applications to communication reliability, scheduling, and traffic flow problems.

378 MATHEMATICAL MODELING 4 F

C or better in MAT 175 and 350 req. MAT 340 rec.

Applications of mathematical modeling to fields including biology, economics, engineering, political science, psychology, and sociology. Project required.

380 ACTUARIAL MODELS I 4 F

C or better in MAT 280 and 350 or cons inst req. Formerly INTRODUCTION TO LIFE CONTINGENCIES.

Survival distributions, life tables, the mathematics of life insurance, life annuities, net premiums, reserves, and multiple decrements. Introduction to pension mathematics.

383 ACTUARIAL MODELS II 3 S

C or better in MAT 280 and 350 or cons inst req. Formerly CREDIBILITY THEORY AND LOSS DISTRIBUTIONS.

Loss and frequency distributions, aggregate loss distributions. Stochastic processes for aggregate loss and surplus, long-term models, risk theory. Simulation.

384 ACTUARIAL MODELING 4 F,S

C or better in MAT 380 and 383 or cons inst req.

Life contingencies estimation and simulation. Parametric/nonparametric models of life contingencies. Various methods of estimation of loss distributions. Credibility theory.

385 ACTUARIAL EXAM PREPARATION 1 F,S

Cons inst req. Each topic may be taken once. Not for cr maj/min. MAT 385.01 not for cr if had MAT 147. MAT 385.02 not for cr if had MAT 350.

Problem-solving sessions to aid in preparation for examinations given by the Society of Actuaries. Topic 385.01 Course 100 Preparation; topic 385.02 Course 110 Preparation. Consult the *Class Registration Directory* for the topics to be offered during any given semester.

390 INDEPENDENT STUDY 1-3 F,S

PHILOSOPHY (PHI) 454

412 Stevenson Hall, (309) 438-7665

Web address: www.philosophy.ilstu.eduE-mail address: philosophy@ilstu.edu**Chairperson:** James Swindler**Tenured/Tenure-track Faculty:***Professors:* Deutsch, Gorr, Gowen, Machina, Rosenbaum, Siderits, Simon, Swindler.*Associate Professors:* Anderson, Bailey, Horvath, Stillwell.**General Department Information**

The Major in Philosophy is designed to provide a liberal arts core around which a student may build a program of courses to suit a wide variety of career opportunities or other goals. The Department encourages its students to work with a departmental advisor in selecting a minor, a second major, or a set of connected courses in various fields which will best combine with philosophical study to produce a program meeting their needs. Majors are encouraged to pursue undergraduate research and internship opportunities. Students interested in philosophical issues related to values (moral, social, or aesthetic), justice, religion or the history of philosophy are encouraged to pursue the B.A. option. Students with a special interest in philosophical issues related to artificial intelligence, logic, computers, or science are encouraged to pursue the B.S. option.

MINOR IN COGNITIVE SCIENCE

The Department of Philosophy participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN WOMEN'S STUDIES

The Department of Philosophy participates in the Minor in Women's Studies program. Several courses offered by the Department contribute to the Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Women's Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN ENVIRONMENTAL STUDIES

The Department of Philosophy participates in the Minor in Environmental Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Environmental Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN PEACE AND CONFLICT RESOLUTION

The Department of Philosophy participates in the Minor in Peace and Conflict Resolution program. Course work offered by the Department contributes to this Minor. For fur-

ther information, please consult the Department advisor as well as the section entitled "Minor in Peace and Conflict Resolution" under University-Wide Curriculum in this *Undergraduate Catalog*.

Philosophy Programs

Degrees Offered: B.A., B.S.

MAJOR IN PHILOSOPHY, B.A.

- 30 hours in Philosophy.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232; and PHI 233 or PHI 240; **Epistemology and Metaphysics:** PHI 281; **Senior Thesis:** PHI 395.
- At least 9 additional hours at the senior college level with at least 6 of these hours at the 300-level.

MAJOR IN PHILOSOPHY, B.S.

- 30 hours in Philosophy.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232; **Epistemology and Metaphysics:** PHI 281 and 282; **Philosophy of Science or Philosophy and the Behavioral Sciences:** PHI 250 or 253; **Senior Thesis:** PHI 395.
- At least 6 additional hours at the 300-level.
- All students earning a B.S. degree in Philosophy must complete the following science literacy courses: PHY 102, Atoms to Galaxies; BSC 101, Fundamental Concepts of Biology; or a minimum of 9 hours in one natural science.
- **NOTE:** Each major works out a coherent program of supporting courses tailored to the student's needs in consultation with a faculty advisor.

Majors are strongly encouraged to take PHI 199 concurrently with or after completing their first philosophy course.

MINOR IN PHILOSOPHY

- 18 hours in Philosophy required.
- Required Philosophy courses by area: **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; at least 9 additional hours in Philosophy.
- Not more than two 100-level courses may count toward the minor.

MINOR IN PHILOSOPHY**For Teacher Education:**

- 24 hours in Philosophy required.
- Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232 or 240 or 242; **Epistemology and Metaphysics:** PHI 281; and at least 6 additional hours in Philosophy with at least one 200- or 300-level course.

MINOR IN RELIGIOUS STUDIES

- 21 hours required, distributed as follows:
- 6 hours from Group A courses listed below, not including ANT 281. Courses must be from 2 different departments.
- 9 hours chosen from 3 of the Groups B, C, D, and E listed below. Courses must come from exactly 3 different Groups. Courses listed as “*Related Courses*” may not be used to satisfy this requirement.
- 6 additional hours from any of the Groups used to satisfy the previously-listed requirements; 3 of these hours may be chosen from the courses listed as “*Related courses*” for those Groups.

Students are advised to complete several courses from Groups B through E prior to enrolling in the courses of Group A, except that this advice does not apply to HIS 270. Courses listed as “*Related Courses*” in the following Groups may be of interest to students even though at most one of these may be used to complete the requirements for the minor.

Group A

HIS 270	World Religions/World Views
SOC 268	Sociology of Religion
ANT 279	Magic, Witchcraft, and Religion

Related Course:

ANT 281	Principles of Ethnology
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Group B

ENG 106	Introduction to Literature—Literary Themes and Topics (<i>May be used only when the theme is approved by Religious Studies advisor.</i>)
ENG 250	Literature of the Bible I
ENG 251	Literature of the Bible II
ENG 352	Selected Figures in World Literature (<i>May be used only when the topic is approved by Religious Studies advisor.</i>)
IDS 301	Judaism: History and Culture
PHI 222	Philosophy and Christian Theology

Related Courses:

ART 369	History of Medieval Art and Architecture
HIS 223	The Middle Ages: 1100-1500
HIS 225	The Reformation: Europe: 1500-1600
HIS 351	Ancient Near East

Group C

HIS 271	Islamic Civilization
HIS 378	Islam

Related Courses:

ART 366	Art of the Ancient Near East
HIS 126	History and Culture of the Middle East
HIS 351	Ancient Near East

Group D

HIS 269	History of Japanese Religions
PHI 207	Indian Philosophy
PHI 208	Buddhist Philosophy

Related Courses:

ART 120	Oriental Art
HIS 125	History of East Asian Civilizations
HIS 275	History of Japanese Civilization
HIS 276	History of Chinese Civilization

Group E

FOR 105	Classical Mythology OR
FOR 106	Myth and Meaning

Related Courses:

ART 367	Greek Art
ART 368	Roman Art and Architecture
HIS 220	Ancient History: Greece
HIS 221	Ancient History: Rome
HIS 351	Ancient Near East

NOTE: Students wishing to minor in Philosophy are requested to inform the Department of their intention and are invited to discuss their program with an advisor in the Department of Philosophy.

Philosophy Courses

Freshmen wishing to select a Philosophy course normally should enroll in a 100-level course. Courses at the 300-level presuppose at least the level of sophistication that the successful completion of one or more lower-level courses in Philosophy would demonstrate.

101 BASIC ISSUES IN PHILOSOPHY OC-KD/H 3 F,S

IDS 100; ENG 101; COM 110 req.

An introduction to central philosophical issues, e.g., knowledge, reality, freedom, God, and morality.

104 THE IDEAL OF DEMOCRACY MC-ICL 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States.

112 LANGUAGE, LOGIC AND MATHEMATICS MC-QR 3 F,S

IDS 100; MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option.

Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation).

150 SCIENCE AND HUMAN CULTURE OC-DKCC/H 3 F

IDS 100; ENG 101; COM 110 req.

Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science.

199 PHILOSOPHICAL RESEARCH METHODS

2 F

3 hrs PHI or cons instr req.

Develops philosophical methods for majors. Normally taken before other major courses, particularly PHI 210.

202 SEX, VALUES, AND HUMAN NATURE

OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req. MC-IS category req.

Investigation of competing views about the nature of human sexuality, and their moral and social consequences.

207 INDIAN PHILOSOPHY

3 F

Major Indian philosophical issues and theories and their contribution to Indian religion and culture; Hindu systems and the early Buddhist challenge.

208 BUDDHIST PHILOSOPHY

3 S

Origins and development of Buddhist philosophy; East Asian transformation (including Zen).

210 SYMBOLIC LOGIC I

3 F

1 yr each high school algebra and high school geometry. Also offered as MAT 210.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

222 PHILOSOPHY AND CHRISTIAN THEOLOGY

3 F or S

Philosophical examination of selected central ideas in Christianity, such as the incarnation, the trinity, sin, salvation, and ethics. Standard philosophical methodologies will be employed.

224 MEANING AND RELIGIOUS BELIEF

OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req. MC-LH category req.

Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos.

232 CLASSIC WESTERN MORAL THEORIES

3 F

C or better in 1 PHI course or 2.5 overall GPA rec. Formerly ETHICS.

Examination of major historical thinkers, e.g., Aristotle, Mill, Kant. Topics include value, obligation, virtue, moral justification, and moral standards.

233 CONTEMPORARY WESTERN MORAL THEORIES

3 S

PHI 232 and PHI 199 (may be taken concurrently).

A survey of important thinkers and developments in twentieth-century moral philosophy. Problems and theories discussed concern values and right conduct.

234 BUSINESS ETHICS

3 F or S

A philosophical examination of selected ethical issues in business practice including discussions of case material, such as personnel management, advertising, labor-management relations, and corporate responsibility.

236 VALUES AND THE ENVIRONMENT

3 F or S

Philosophical examination of selected moral and social issues involving humans, nonhumans, and the environment, e.g., animal rights, resource distribution, environmental racism.

238 RIGHTS AND WRONGS

OC-DKCC/H 3 F,S

IDS 100; ENG 101; COM 110 req. MC-IS category req.

Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise.

240 POLITICAL PHILOSOPHY

3 F or S

C or better in 1 PHI course or 2.5 overall GPA rec.

Discussion of traditional and contemporary issues, e.g., human rights, theories of justice, Marxism, civil disobedience, punishment, and the end and limit of government.

242 PHILOSOPHY OF LAW

3 F or S

1 PHI course or a law-related course rec.

Evaluation of conflicting views concerning the nature of law, legal obligation, legal rights, and the justification of punishment.

246 FEMINIST POLITICAL PHILOSOPHY

3 F or S

Examination of feminist political theories addressing the oppression of women. Critical scrutiny of philosophical foundations of feminism.

248 MODERN WAR AND MORALITY

3 F or S

Intensive examination of moral problems concerning war, e.g., pacifism, self-defense, conscription, terrorism, nuclear deterrence.

250 PHILOSOPHY OF SCIENCE

3 S

The nature of scientific theories, methods, reasoning, hypotheses, laws, and explanations.

251 VISIONS OF THE SELF: A STUDY OF MINDS AND PERSONS

OC-KD/H 3 F,S

IDS 100; ENG 101; COM 110 req.; MC-IS category req.

Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence.

253 PHILOSOPHY AND THE BEHAVIORAL SCIENCES

3 F or S

Philosophical issues raised by and relevant to the scientific study of human behavior.

254 ANCIENT AND MEDIEVAL PHILOSOPHY

3 F

C or better in 1 PHI course or 2.5 overall GPA rec.

Classic Western philosophical ideas from the earliest times to the 15th century. The pre-Socratics, Socrates, Plato, Aristotle, Augustine, Aquinas, and others.

255 MODERN PHILOSOPHYS

3 S

C or better in 1 PHI course or 2.5 overall GPA rec.

Classic western philosophical ideas of the 17th and 18th centuries. Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

- 281 RECENT HISTORY OF METAPHYSICS AND EPISTEMOLOGY** 3 F
PHI 255 and 199 (PHI 199 may be taken concurrently). Not for cr if had PHI 361 or 362.

Study of important themes and figures contributing to philosophical understanding of what exists (metaphysics) and how to know it (epistemology).

- 282 20TH CENTURY PHILOSOPHY OF LANGUAGE AND SCIENCE** 3 F
PHI 112 or MAT/PHI 210; PHI 281 rec.

Fundamental 20th century ideas and issues in philosophy of language, philosophical logic, and philosophy of science.

- 298 PROFESSIONAL PRACTICE: INTERNSHIP IN APPLIED PHILOSOPHY** 1-12 F,S
3 PHI courses req, including at least 1 at the 200- or 300-level. 2.5 GPA in PHI courses req. Complete dept application procedure. Max 3 hrs toward PHI maj/min. Cons dept chair.

Planned, supervised experience in a governmental or community organization providing experience in applying philosophical theory to current social or scientific problems.

- 305 TOPICS IN 20TH CENTURY PHILOSOPHY** 3 F or S
PHI 281 and PHI 112 or MAT/PHI 210. Formerly 20TH CENTURY PHILOSOPHY. May be repeated for cr if topic different.

Major philosophical movements of the 20th century, focusing on significant figures.

- 310 TOPICS IN PHILOSOPHY OF SCIENCE** 3 F or S
Cons inst. May be repeated for cr if topic different.

Examination of topics in philosophy of natural, behavioral, and/or social sciences, e.g., scientific explanation, evidence, methodology, progress, universality, normativity, testability.

- 315 TOPICS IN PHILOSOPHY, SCIENCE, AND THE MIND** 3 F or S
Cons inst. May be repeated for cr if topic different.

Exploration of a philosophical topic on the scientific study of the mind (e.g., mind-body problem, artificial intelligence, philosophical psychology, neuroscience).

- 330 TOPICS IN MORAL THEORY** 3 F or S
PHI 232 and PHI 199. Formerly MORAL THEORY. May be repeated for cr if topic different.

Examination of fundamental issues in moral philosophy, e.g., possibility of moral knowledge, justification of value judgments, nature of moral responsibility.

- 339 TOPICS IN THE PHILOSOPHY OF ART** 3 F or S
2 PHI courses req, Incl one 200-level or higher. Grad students may enroll without previous PHI courses. May be repeated for cr if topic different.

Philosophical examination of expression, aesthetic experience, representation, nature of art, possibility of objective evaluation as applied to various art forms.

- 340 TOPICS IN LEGAL AND POLITICAL PHILOSOPHY** 3 F or S
PHI 199 and PHI 232 or 240. Formerly TOPICS IN POLITICAL PHILOSOPHY. May be repeated for cr if topic different.

Intensive examination of selected topics in social, political and legal philosophy, e.g., liberty, justice, rights, equality, community, democracy, political obligation.

- 350 TOPICS IN THE HISTORY OF PHILOSOPHY** 3 F or S
PHI 281 req. May be repeated for cr if topic different.

Intensive examination of an important figure, movement, or theme in the history of philosophy, e.g. Plato, British Empiricism, freewill/determinism.

- 363 TOPICS IN METAPHYSICS AND EPISTEMOLOGY** 3 S or F
PHI 281 and PHI 112 or MAT/PHI 210. May be repeated for cr if topic different.

Detailed examination of selected issues in contemporary metaphysics and epistemology.

- 390 INDEPENDENT STUDY** 1-3
1 PHI course; cons inst and dept chair req.

- 395 SENIOR THESIS** 1 F,S
Completion of a min of 23 hrs of PHI courses including at least one 300-level course.

Students will revise and expand their previous or concurrent course work to produce a substantial philosophical essay and defend it orally.

PHYSICS (PHY) 456

311 Moulton Hall, (309) 438-8756

Web address: www.phy.ilstu.edu

Email address: info@phy.ilstu.edu

Chairperson: Richard E. Martin, Jr.

Tenured/Tenure-track Faculty:

Professors: Clark, Grobe, Hassani, Karim, Martin.

Associate Professors: Holland, Matsuoka, Ren, Rutherford, Su.

Assistant Professor: Rosa

General Department Information

The Physics Major sequences at Illinois State University are sufficiently flexible to serve the needs of students with any of the following goals: (1) government or industrial research and development, (2) graduate study in Physics, or an allied field such as Engineering, (3) professional study in intellectual property or patent law, or (4) high-school Physics teaching.

Physics Programs

Degrees Offered: B.S.

MAJOR IN PHYSICS

Physics Sequence:

- 44 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (3 hrs), 284, 325, 340, 384; 6 additional hours of 300-level Physics courses; CHE 140 and 141 are also required for the major.

Computer Physics Sequence:

- 43 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hr), 284, 288, 325, 388, 390; 6 additional hours of 300-level Physics courses, of which at least 1 course must be chosen from PHY 320, 340 and 384; ACS 254; majors should take Natural Science Alternative General Education courses.

Engineering Physics Program with University of Illinois:

- 44 hours of Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hr), 284; 17 additional hours of approved 200-level and above courses transferred from the University of Illinois; CHE 140 and 141 are also required.
- Offered previously as Affiliated Engineering or Pre-Engineering.

Teacher Certification Sequence:

- 40 hours in Physics required. Part of entitlement program leading to certification at the secondary level.
- Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 270 (2 hrs), 302, 310, 311, 312 and 353. Majors must also take either PHY 240 or 284. CHE 140 and 141 are also required for this major.
- Requirements for a second teaching field must be satisfied at the same academic performance level required for the major.

MINOR IN PHYSICS

- 23 hours in Physics required.
- Required courses: PHY 110, 111, 112; 11 additional hours of electives from 200- or 300-level Physics courses.

MINOR IN PHYSICS

For Teacher Education:

- 26 hours in Physics required.
- Required courses: PHY 110, 111, 112, 270 (1 hr), 311.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings.

All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Physics Courses

101 EXPLORING THE UNIVERSE 3 F,S
Intended for students not maj or min in the physical sciences.

Introduction to the past, present, and the future of our universe. Topics are selected from celestial motions, the solar system, stellar evolution, extragalactic astronomy, Big Bang, history of astronomy, and scientific process.

102 ATOMS TO GALAXIES IC-NS 3 F,S
IDS 100 or conc reg req. Not for cr maj/min or if had PHY 105, 108, or 110. May not be taken under the CT/NC option. Lecture and lab.

Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications.

105 FUNDAMENTALS OF PHYSICS IC-NSA 4 F,S
Not for cr if had PHY 108, 110 or equiv. Lecture and lab. Intended for students not maj or min in the physical sciences. May not be taken under the CT/NC option.

Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life.

107 FRONTIERS OF PHYSICS 2 F
Designed for students entering pre-engineering or physics. Materials charge optional. CR/NC only.

An introduction to selected contemporary topics in pure and applied physics. Orientation to physics and allied fields such as engineering as discipline and profession.

108 COLLEGE PHYSICS I IC-NSA 5 F,S
IDS 100 or conc reg req. 2 years of high school algebra or equiv req. Not for cr if had PHY 110 or equiv. Lecture and lab. May not be taken under the CT/NC option.

Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications.

109 COLLEGE PHYSICS II 5 F,S
PHY 108 or 110 req. Not for cr if had PHY 111 or equiv. Lecture and lab. Continuation of PHY 108.

Electrostatics, electrical currents, magnetism, light and optical instruments, quantum, atomic, and nuclear physics, special relativity.

110 PHYSICS FOR SCIENCE AND ENGINEERING I IC-NSA 4 F,S
IDS 100 or conc reg req. MAT 145 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Not for cr if had PHY 108 or equiv. Materials charge optional.

Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications.

111 PHYSICS FOR SCIENCE AND ENGINEERING II 4 F,S
PHY 110 and MAT 146 or conc reg req. Not for cr if had PHY 109 or equiv. Lecture and recitation. Lab (every other week). Continuation of PHY 110. Materials charge optional.

Thermodynamics, electrostatics, electrical currents and circuits, magnetism, Faraday's Law.

112 PHYSICS FOR SCIENCE AND ENGINEERING III 4 F,S
PHY 111; MAT 147 or conc reg req. Lecture and lab. Materials charge optional.

Electromagnetic waves, optics, relativity, quantum theory, atomic and nuclear physics. Lectures, demonstrations, discussions, laboratory exercises, computer lab.

117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY MC-QR 3 F,S
IDS 100; MAT 111, 120, 130, or 145 req. May not be taken under the CT/NC option.

Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology.

152 STATICS 3 S
PHY 110 and MAT 147 req.

Analysis of force systems; equilibrium of two- and three-dimensional systems; trusses, frames, friction; centroids; moments of inertia; hydrostatic pressure on submerged bodies; principle of virtual work.

201 ASTRONOMY LABORATORY 2 F,S
PHY 101 and cons inst req; PHY Ed maj only; course may not be taken in fulfillment of ISBE req for second area certification. Formerly PHY 102.

Optional lab to complement and extend concepts presented in PHY 101. Special emphasis placed on the role of astronomy in the secondary school curriculum.

205 ORIGIN OF THE UNIVERSE OC-KD/SMT 3 F,S
Inner Core and PHY 102 req. MC-QR category req.

Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles.

206 CHAOS AND COMPLEXITY OC-DKCC/SMT 3 F,S
Inner Core req. MC-QR category req.

Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life.

207 ENERGY AND SOCIETY OC-KD/SMT 3 F,S
Inner Core req. MC-QR category req.

Scientific, technological, environmental, economic, health, ethical, and political aspects of energy production and use, from fossil and nuclear fuels to renewable energy sources.

209 INTRODUCTION TO TEACHING HIGH SCHOOL PHYSICS 1 F
10 hrs in PHY req. Physics Teacher Ed maj only. Clin Exp: 25 hrs, Type 1-6. Not for cr if had PHY 301.

A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools.

217 METHODS OF THEORETICAL PHYSICS 3 S
PHY 111; MAT 147 and 175 or conc reg req.

Mathematics applied to physics: multivariate calculus, vector and tensor analysis, curvilinear coordinates, complex numbers, differential equations, numerical methods.

220 MECHANICS I 3 F
PHY 112 and MAT 147 req.

Newton's laws applied to the study of motion of point masses subjected to viscous, frictional, elastic, central, harmonic, interparticle, and conservative forces.

240 ELECTRICITY AND MAGNETISM I 3 F
PHY 217 req.

Electrostatic fields and potentials in vacuum, Gauss' law, electrostatics of dielectrics, magnetostatics, Biot-Savart, Ampere, and Faraday laws, magnetic induction, magnetic materials, and Maxwell's equations.

270 EXPERIMENTAL PHYSICS 1 F,S
PHY 112 and 220 req; ENG 249 rec. Repeatable for cr up to max of 3 hrs total.

Laboratory experiments that demonstrate principles of mechanics, electricity, magnetism, optics, and modern physics. Emphasis on experimental technique, analysis, and on the quality of written reports.

284 QUANTUM MECHANICS I 3 S
PHY 112 and MAT 175 req. PHY 217 or conc reg req.

Blackbody radiation, photoelectric effect, wave-particle duality, uncertainty principles, Schrodinger equation, probability amplitudes, one-dimensional potentials, hydrogen atom.

288 METHODS OF COMPUTATIONAL SCIENCE 3 S
ACS 165; CHE 140; PHY 109 or 111; and MAT 146 or cons inst req. Also offered as ACS/CHE 288.

Introduction of a wide variety of computational techniques and their application to physics and chemistry problems. The applications will be restricted to computer simulations of simple physical systems from mechanics, electromagnetism and chemistry.

- 290 RESEARCH IN PHYSICS** 1-3 F,S
20 hrs Physics req. May be repeated; max 3 hrs. 3 hrs conference, lab or library research per week for each hr of cr.

An introduction to the scientific discovery process through participation in a departmental research program.

- 302 COMPUTER APPLICATIONS IN HIGH SCHOOL PHYSICS** 1 F,S
1 hr of PHY 270 req.

Applications of computers in teaching of high school physics.

- 309 INTEGRATED SCIENCE FOR ELEMENTARY EDUCATORS** 3 F,S
El Ed maj with 24 hrs of science req. Also offered as BSC 309, CHE 309 and GEO 309.

Modeling of exemplary science teaching practices using a unified science approach.

- 310 READINGS FOR TEACHING HIGH SCHOOL PHYSICS** 3 S
10 hrs in PHY req. Adm to Teacher Ed req.

Essential background experiences for teaching high school physics that center around developing scientific literacy in students.

- 311 TEACHING HIGH SCHOOL PHYSICS** 3 F
18 hrs in PHY req; PHY 310 req; C or better in C&I 216 or conc reg req. Clin Exp: 10 hrs, Type 1-6. Not for cr if had PHY 301.

Strategies, curricula, and resources for the teaching of high school physics. Application of knowledge of physics, adolescent psychology, and pedagogical theory to secondary teaching.

- 312 PHYSICS TEACHING FROM THE HISTORICAL PERSPECTIVE** 3 S
20 hrs in PHY req. Adm to Teacher Ed req.

Overview of the development of classical scientific thought relating to physical phenomena with applications to pedagogy.

- 320 MECHANICS II** 3
PHY 220 and MAT 340 req.

Coordinate transformations, nonlinear oscillations, Hamilton's Principle, Lagrangian and Hamiltonian mechanics, rigid body motion.

- 325 THERMAL PHYSICS** 3 F
PHY 284 req.

Thermodynamics, kinetic theory, and statistical mechanics with discussion on phase transitions and critical phenomena.

- 330 OPTICAL PHYSICS** 3
PHY 240 req.

Optical systems, electromagnetic waves, interference and diffraction, quantum optics.

- 340 ELECTRICITY AND MAGNETISM II** 3 S
PHY 240 and MAT 340 req.

Electrostatic boundary value problems; Maxwell's equations; polarization, reflection, and transmission of electromagnetic waves, waveguides; electromagnetic radiation, fundamentals of antenna theory, relativistic electromagnetism.

- 353 STUDENT TEACHING SEMINAR** 1 S
Conc reg in STT 399.72 req. Clin Exp: 15 hrs, Type 1-6.

A seminar through which students exchange information, share reflections, and document observations and activities prior to and during student teaching.

- 355 SOLID STATE PHYSICS** 3
PHY 325 req.

Crystal structures, X-ray and electron diffraction, lattice vibrations and thermal properties, binding energy, conduction of electrons, band theory, dielectric and magnetic properties, defects, metals, semiconductors, and insulators.

- 375 ELECTRONICS FOR SCIENTISTS** 3
PHY 109 or 111 req. Lecture and lab

DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits.

- 380 TOPICS IN CONTEMPORARY PHYSICS** 1-3
Sr standing only. Cons inst. May be repeated.

Recent developments in the fields of atomic, biomolecular, elementary particle, many-body, molecular, nonlinear, nuclear, plasma, and solid-state physics.

- 384 QUANTUM MECHANICS II** 3 S
PHY 284 and MAT 340 req.

Operator formalism, Dirac bra and ket notation, angular momentum, perturbation theory, applications to laser physics.

- 387 METHODS OF MATHEMATICAL PHYSICS** 3
PHY 240 and MAT 340 or conc reg req.

Finite- and infinite-dimensional vector spaces, matrices and determinants, Fourier analysis, complex analysis, differential equations. Emphasis on physical applications.

- 388 ADVANCED COMPUTATIONAL PHYSICS** 3 F
PHY 220, 240, 284, and 288 or cons inst req. Formerly COMPUTATIONAL PHYSICS.

Application of computational methods to contemporary topics in physics, including nonlinear classical and quantum dynamics or physical problems that involve many degrees of freedom.

- 390 COMPUTATIONAL RESEARCH IN PHYSICS** 1-2 S
PHY 388 req.

Independent computational project in physics.

POLITICS AND GOVERNMENT (POL) 460

306 Schroeder Hall, (309) 438-8638

Web address: www.politicsandgovernment.ilstu.edu

Chairperson: Jamal Nassar.

Tenured/Tenure-track Faculty:

Distinguished Professor: Payne.

Professors: Nassar.

Associate Professors: Bradley, Brooks, Crothers, Kiser, Klass, Leatherman, Lind, Parodi, Pope, Steger, Wang.

Assistant Professors: Josephson, Pantoja, Riaz, Veney, Webber.

General Department Information

The Department of Politics and Government provides students with a program that offers a broad liberal education and at the same time provides opportunities to begin a specialized concentration in one area of the discipline such as public service or global studies. The study of political science leads into careers in law and paralegal services; local, state, and federal governments and not-for-profit agencies; international public and private organizations; teaching and research; and in the private sector-especially government-related activities of business. Career information, including career-related courses offered by other departments, is available from the Department's undergraduate, concentration, and pre-law advisors. Teacher Education students majoring in Political Science fulfill Professional Education requirements through the Social Sciences program.

MAJOR IN SOCIAL SCIENCES EDUCATION

The major in Social Sciences is administered by the Department of History in cooperation with the Departments of Economics; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

INTERDISCIPLINARY MINORS

The Department of Politics and Government participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: Environmental Studies, Ethnic and Cultural Studies, International Studies, Peace and Conflict Resolution Studies, Tourism Studies, Urban Studies, and Women's Studies. For further information on any of these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN POLITICS AND GOVERNMENT

Students majoring or minoring in Political Science may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 semester hours of college- or university-level courses, including at least 2 Political Science courses; (2) a minimum of 3 semesters remaining before graduation; (3) a cumulative GPA of 3.3; (4) one letter of recommendation submitted by a

Politics and Government faculty member to the undergraduate advisor; (5) membership in the University Honors Program; and (6) admission approval from the Departmental Honors Committee.

In order to graduate with honors in Political Science a student must complete: (1) all regular requirements for the Political Science Major; (2) 3 hours of in-course honors; (3) 3 hours in POL 302: Honors Seminar; (4) 3 hours of POL 299: Independent Honors Study; and (5) have a major GPA of at least 3.5.

Any student admitted to the University Honors Program may earn honors credit by completing the honors requirements of either a designated honors course or of a course offering an in-course honors option.

Politics and Government Programs

Degrees Offered: B.A., B.S.

MAJOR IN POLITICAL SCIENCE

- 33 hours in Politics and Government including at least 18 hours at the 200-level or above and at least 6 hours at the 300-level (excluding internships, independent studies, and readings courses).
- Required courses: POL 105 or 106, 161, 209; either 140, 141 or 145, and either 150 or 151.
- A maximum of 6 hours in POL 398.01 and 398.20 may count toward a Political Science major.
- It is recommended that Political Science majors enroll in POL 105 or 106 in their first year of study and in 209 in their second year of study. Transfer students wishing to complete the Major are recommended to enroll in POL 105 or 106 and 209 in their first year at Illinois State University if they have not already had equivalent courses.

Global Studies Sequence:

- 12 credits in Politics and Government International Relations and Comparative courses as well as completing the POL major. Up to 18 hours outside the Department may be required (see below).
- **International Relations Component.** 6 hours from the following courses: POL 251, 252, 254, 255, 293.01, 335, 344, 351, 358, 363.
- **Comparative Politics Component.** 6 hours from the following courses: POL 240, 242, 245, 246, 247, 340, 341, 345, and 349.
- At least 3 hours of the course work chosen from the Components must be at the 300-level.
- Students must complete one of the following four options:
 1. 18 hours of approved cognate courses.
 2. An approved study abroad.
 3. Completion of FOR 112 or equivalent.
 4. An approved internship.

- It is required that students develop their Global Studies Sequence in consultation with the Global Studies Coordinator.

Public Service Sequence:

This program is a subdivision of courses encompassed within the Political Science Major/Minor designed to prepare students for employment in the public or nonprofit sector. The primary objective of this concentration is to serve the needs of those interested in pursuing a public service career and those who wish to learn more about public bureaucracies.

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POL 231 and 398.01 (minimum of 3 cr hrs).
- Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses **or**
Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POL 214, 220, 221, 222, 232, 236, 309, 313, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

- 18 hours in Political Science required.
- Required course: POL 105 or 106.
- A maximum of 3 hours in POL 398.01 and 398.20 may count toward a Political Science minor.

Public Service Sequence:

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POL 231 and 398.01 (min. of 3 cr hrs).
- Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses **or**
Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POL 214, 220, 221, 222, 232, 236, 309, 313, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

For Teacher Education:

- In addition to those listed for the Minor in Political Science, students must complete education courses that are required for state certification. See undergraduate advisor for further information.

Legal Studies Program

The Legal Studies curriculum is designed to provide knowledge and skills related to various types of paralegal careers. This program may not be appropriate for pre-law students. While a major is not offered, interested students should consult the Legal Studies coordinator about the possibility of an individualized major under the General Studies program. In order to gain admission into the Legal Studies program, a student must have submitted a formal application to the Legal Studies coordinator; must have completed at least 2 approved Legal Studies courses (one of which must be POL 201); and must have earned a cumulative GPA of at least 2.5 in those 2 Legal Studies courses. For further information contact Dr. Thomas Eimermann, Legal Studies coordinator, 125 Schroeder Hall.

MINOR IN LEGAL STUDIES

- 24 hours required.
- Required courses (15 hrs): POL 201, 203, 204, 370, 371.
- 9 hours selected from the following Legal Studies Specialty Courses: POL 216, 314, 319, 322, 372, 398.20. A maximum of 6 credits of internship can be counted toward fulfilling the Legal Studies requirements. Additional hours of internship may be taken for credit as University electives.
- **NOTE:** Only Legal Studies courses with a grade of C or higher can count toward the minor.

Politics and Government Courses

Students should consult the Department advisor to learn which selected studies (189, 289, 389) courses may satisfy major requirements; this would include Politics and Government SENIOR SEMINAR, which counts toward fulfilling the 300-level hours requirement.

101 CITIZENS AND GOVERNANCE

MC-ICL 3 F,S

IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option.

Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages.

105 AMERICAN GOVERNMENT AND POLITICS

3 F,S

Not for cr if had POL 106.

Surveys the entire U.S. political process, concentrating on the national level. Includes constitutional structure, patterns of behavior, and policy making institutions.

106 U.S. GOVERNMENT AND CIVIC PRACTICES

MC-ICL 3 F,S

IDS 100; ENG 101 and COM 110 req; or ENG 101 and conc reg req. in COM 110; or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr if had POL 105.

Examines the sources and effects of practices and institutions of participation, influence and cleavages in U.S. politics.

- 138 SOCIAL SCIENCE REASONING USING STATISTICS** MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/PSY 138. May not be taken under the CT/NC option. Formerly ECO 131.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

- 140 INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA** OC-KD/SS 3 F,S
Inner Core req. Not for cr if had POL 145. Formerly POLITICS OF AFRICA, ASIA, AND LATIN AMERICA.

Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America.

- 141 INTRODUCTION TO EUROPEAN POLITICS** 3 F,S
Formerly COMPARATIVE EUROPEAN GOVERNMENTS.

Structure, function, and political processes of European governments. Emphasis on Britain, France, and Germany.

- 145 INTRODUCTION TO NON-WESTERN POLITICS** 3 F,S
Not for cr if had POL 140.

An introductory examination of the politics of non-Western countries and their significance to the United States and the global system.

- 150 INTRODUCTION TO U.S. FOREIGN POLICY** 3 F,S
The formulation, implementation, and content of U.S. foreign policy.

- 151 INTRODUCTION TO INTERNATIONAL RELATIONS** 3 F,S
Emphasizes understanding the behavior and characteristics of nation-states and issues affecting their relations with each other.

- 161 INTRODUCTION TO POLITICAL THINKING** 3 F,S
Critical consideration of basic political questions such as the nature of the state, civic order, and forms of government.

- 162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING** MC-QR 3 F,S
IDS 100; MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option. Also offered as MAT 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

- 209 EMPIRICAL RESEARCH METHODS** 4 F,S
3 hrs POL or cons inst req.

Major issues, systematic approaches, and research techniques involved in the study of politics.

- 213 U.S. CONGRESSIONAL POLITICS** 3
POL 101, 105, or 106 or cons inst req. Formerly CONGRESSIONAL POLITICS.

Major congressional institutions and proposals for their reform.

- 214 U.S. PARTIES AND INTEREST GROUPS** 3 F
POL 101, 105, or 106 or cons inst req.

Study of roles, functions, effects, and consequences of political parties and interest groups in the U.S.

- 215 U.S. JUDICIAL PROCESS** 3 F,S
POL 101, 105, or 106 or cons inst req. Formerly AMERICAN JUDICIAL PROCESS.

Introduction to the major elements of the judicial system: police, lawyers, juries, and judges. Concentrates on organization and behavior.

- 217 U.S. PRESIDENCY** 3 F
POL 101, 105, or 106 or cons inst req. Formerly AMERICAN PRESIDENCY.

The presidency is examined pre-eminently as an office of political influence, decision-making, and policy implementation.

- 218 POLITICAL LEADERSHIP** 3
POL 101 or 105 or 106, or cons of instr req.

An examination of leader roles, powers, and ethics in institutional and non-institutional settings in the political system broadly conceived.

- 220 CAMPAIGN POLITICS** 3
POL 101, 105, or 106 or cons inst req. POL 214 rec.

Consideration of campaign planning, management, and activities through reading, discussion, and supervised student campaign participation. Ordinarily scheduled to coincide with federal primary and general election years.

- 221 U.S. STATE AND LOCAL GOVERNMENTS** 3
POL 101, 105, or 106 or cons inst req. Formerly AMERICAN STATE AND LOCAL GOVERNMENTS.

Structures and functions of state and local governments. Includes discussion of comparative state and local politics and policy outputs.

- 222 METROPOLITAN POLITICS AND PROBLEMS** 3
POL 101, 105, or 106 or cons inst req. Formerly URBAN POLITICS AND PROBLEMS.

A systems analysis of the processes and interactions of the environmental, social, economic, and power components of metropolitan political systems.

- 225 WOMEN IN POLITICS** 3
45 sem hrs or cons inst req. POL 101, 105, or 106 rec.

The study of the role of women in the political process.

- 231 PUBLIC ADMINISTRATION** 3 F,S
POL 101, 105, or 106 or cons inst req.

Mission, structure, function, politics, and public policy development of public administration, including parameters of public finance and personnel.

- 232 POLITICS AND PUBLIC POLICY** 3
POL 101, 105, or 106 or cons inst req.

Introduction to the political processes of public policy formation, including theories, and an analysis and evaluation of selected policy areas.

- 236 ENVIRONMENTAL POLITICS AND POLICY** 3 S
POL 101, 105, or 106 or cons inst req.

An examination of the development and implementation of government policy on the environment.

- 240 LATIN AMERICAN POLITICS** 3
45 hrs or cons inst req. POL 140 or 145 rec. Formerly POL 347.

Politics of development and regional integration in South and Central America, using selected countries as examples.

- 242 RUSSIAN AND EASTERN EUROPEAN POLITICS** 3
45 hrs or cons inst req. POL 141 rec. Formerly POST-SOVIET GOVERNMENT AND POLITICS.

Comparative analysis of Russian and Eastern European political systems.

- 245 ASIAN POLITICS** 3
45 hrs or cons inst req. POL 140 or 145 rec.

Comparative analysis of the political systems and policies of Asian nations.

- 246 AFRICAN POLITICS** 3 S
45 hrs or cons inst req. POL 140 or 145 rec.

Comparative analysis of African political systems, including such contemporary problems as the politics of race, nation building, and economic development

- 247 MIDDLE EASTERN POLITICS** 3
45 hrs or cons inst req. POL 140 or 145 rec. Formerly POLITICS OF THE MIDDLE EAST.

Comparative analysis of the political systems of selected Middle Eastern states and of region-wide issues including nationalism, revolution, and conflict.

- 251 THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS** 3
45 hrs or cons inst req. POL 151 rec. Formerly INTERNATIONAL RELATIONS.

Presentation of various approaches employed to study international politics, and an analysis of problems and prospects of the contemporary world.

- 252 INTERNATIONAL ORGANIZATIONS** 3 F
45 hrs or cons inst req. POL 151 rec.

Introduction to the role of international organizations in world affairs. Preparation for Model United Nations.

- 254 GLOBAL ISSUES** 3 F
45 hrs or cons inst req. POL 151 rec.

Transnational political interactions and behavior of global actors and their impact upon crucial socio-economic, technological, and cultural issues.

- 255 INTERNATIONAL CONFLICT AND SECURITY** 3
45 sem hrs or cons inst req. POL 151 rec.

An examination of the nature of conflict and security arrangements among nations and their international actors.

- 261 CLASSICAL POLITICAL THEORY** 3
45 hrs or POL 161 or cons inst req. Formerly POL 362.

Introduction to the origin and development of inquiry about human life in political association with particular reference to ancient and medieval philosophers.

- 262 MODERN POLITICAL THEORY** 3
45 hrs or POL 161 or cons inst req.

Introduction to political theory emphasizing the intentions, methods, and concepts of selected thinkers from the 16th through the 20th centuries.

- 265 AMERICAN POLITICAL THEORY** 3
45 hrs or POL 161 or cons inst req. Formerly TOPICS IN AMERICAN POLITICAL THOUGHT.

Analysis and evaluation of major writings that proceed from, contribute to, or comment upon the American political experience.

- 266 AMERICAN LEGAL THEORIES** 3
45 hrs or POL 161 or cons inst req. Formerly AMERICAN LEGAL THEORY AND ITS BACKGROUND.

A theoretical overview of the legal component of political science with particular reference to policies and institutions in the American legal system.

- 283 TRIAL ADVOCACY** 3 F

An introduction to fundamental techniques of trial advocacy in preparation for participation in intercollegiate mock trial competitions.

- 300 SENIOR SEMINAR** 3
POL maj/min and 90 hrs req.

Intensive study of an announced area and the formulation of a comprehensive research paper.

- 300.01 SOCIAL SCIENCE SEMINAR** 3
SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOCS 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req.

Also offered as ECO/GEO/HIS/SOC 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

- 301 TEACHING CITIZENSHIP AND GOVERNANCE** 3 Summer
POL 101, 105, or 106 or cons instr req. Formerly 389.61.

Examines knowledge and techniques for instructing civics and governance material, and analyzes the relationship between civic education and democracy.

- 302 HONORS SEMINAR** 3
Enroll in University Honors Program and either 60 hrs or cons inst req. Formerly POL 300.

Intensive study of an announced area and formulation of a cumulative research paper.

- 310 VOTING AND ELECTIONS** 3
POL 105, 106, or 209 or cons inst req.

Intensive investigation of U.S. voting behavior and electoral process; includes instruction in analysis techniques.

- 312 PUBLIC OPINION** 3
POL 105, 106, or 209 or cons inst req.

Includes attention to social and psychological bases of public opinion, current trends, methods of measurement, and opinion-policy linkages.

- 317 U.S. POLITICS AND CULTURE AFTER VIETNAM** 3 S
POL 101, 105, 106, or cons inst req.

Examination of the impact of the Vietnam War on contemporary U.S. politics.

318 ADMINISTRATIVE LAW 3*60 hrs or cons inst req. POL 215 rec.*

An overview of topics such as legislative, executive, and judicial control of administrative actions, public and private access to information, the administrative hearing process and other due process concerns.

323 STATE POLITICAL SYSTEMS 3*60 hrs, POL 221 or cons inst req.*

Exploration of the nature of state politics through comparison, contrast, and synthesis of micropolitical and macropolitical research in state politics.

324 TOPICS IN PUBLIC LAW 3 S*60 hrs, POL 101, 105, 106 or cons inst req. POL 215 rec. May be repeated if cont different.*

Selected topics focusing on specialized aspects of Public Law.

325 CONSTITUTIONAL LAW: FUNCTIONS AND POWERS 3 F*60 hrs or cons inst req. POL 215 rec.*

Major Supreme Court decisions on federalism, separation of powers, taxation, commerce, voting, and citizenship.

326 CONSTITUTIONAL LAW: DUE PROCESS RIGHTS 3 F,S*60 hrs or cons inst req. POL 215 rec.*

Major Supreme Court decisions involving both procedural and substantive due process rights.

327 CONSTITUTIONAL LAW: EQUALITY AND FREE EXPRESSION 3*60 hrs or cons inst req. POL 215 rec.*

Major Supreme Court decisions involving discrimination, and freedom of speech, press, assembly, and religion.

329 POLITICS OF FEDERALISM 3
POL 221 or cons inst req. Formerly INTERGOVERNMENTAL RELATIONS.

Federalism in theory and practice, focusing on U.S.; politics and policy in intergovernmental contexts; recent initiatives and current problems.

330 PROBLEMS OF PUBLIC ADMINISTRATION 3*POL 231 or cons inst req. May be repeated if content different.*

Varied approaches to problems relevant to public policy, organization development, management, staff, or personnel concerns, and applied behavioral techniques.

331 PUBLIC PERSONNEL ADMINISTRATION 3*POL 231 or cons inst req.*

The personnel process in American bureaucracy; matching the individual and the job; employer-employee relations; employee motivation; problems and prospects.

332 PUBLIC POLICY ANALYSIS 3*POL 209 or 232 or cons inst req. May be repeated if content different.*

Comparative policy research; an assessment of factors affecting policy formation and approaches to evaluation of consequences of specific domestic public programs.

333 POLITICS, BUDGETS, AND TAXES 3
POL 231 or cons inst req. Formerly THE POLITICS OF GOVERNMENTAL BUDGETING.

Meaning, significance, content, and evolution of governmental budgeting processes and reforms at all levels of government; political implications of fiscal reforms.

334 THE POLITICS OF RACE, ETHNICITY AND INEQUALITY 3 F,S
POL 101, 105, or 106 or cons inst req; POL 214, 231 or 232 or 327 rec.

Analysis of contending theories and ideologies concerning the role of race and ethnicity in American politics and public policy.

335 COMMUNITY DEVELOPMENT 3 F
POL 101, 105, or 106 or cons inst req.

An examination of strategies and techniques employed in the United States and abroad in community development.

336 LATINO POLITICS: IDENTITY, PROTEST, AND POWER 3 F,S
POL 101, 105, or 106 req.

The study of Latino politics in the U.S., including political history, electoral and non-electoral political expressions.

340 TOPICS IN LATIN AMERICAN POLITICS 3
Select 1 of the following: POL 140, 145, 240; GEO 230; HIS 127, 263, or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of Latin American politics.

341 TOPICS IN EUROPEAN POLITICS 3
Select 1 of the following: POL 141, 242; GEO 240, 245; HIS 229, 234, 237, 366, or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of European politics.

344 TOPICS IN GLOBAL STUDIES 3
Select 1 of the following: POL 150, 151, 251, 252, 254, 255, or cons inst req. May be repeated if content different.

Intensive review and analysis of critical global problems and strategies for dealing with them.

345 TOPICS IN ASIAN POLITICS 3
Select 1 of the following: POL 140, 145, 245, 255; HIS 373, 375, or cons inst req. May be repeated if content different. Formerly ASIAN POLITICS.

Selected topics focusing on specialized aspects of Asian politics.

349 TOPICS IN MIDDLE EAST POLITICS 3
Select 1 of the following: POL 140, 145, 247; HIS 272; or cons inst req. May be repeated if content different.

Selected topics focusing on specialized aspects of Middle East politics.

350 TOPICS IN CROSS-REGIONAL POLITICS 3
POL 140, 141, 145 or cons inst req. May be repeated if content different.

Selected topics in comparative politics that cut across regional boundaries.

226 Politics and Government; Psychology

351 INTERNATIONAL LAW 3
Select 1 of the following: POL 151, 251, 252, 254, 255, or cons inst req.
 Political nature, legal principles, and juridical procedures and cases of contemporary international law.

352 HUMAN RIGHTS 3
POL 140, 151, 251, 252, 254 or 255 or cons inst req.
 General overview of human rights: philosophical foundation, historical development, main documents, institutions, movements and campaigns.

358 INTERNATIONAL POLITICAL ECONOMY 3
Select 1 of the following: POL 151, 251, 252, 254, 255, or cons inst req.
 An analysis of the structures of political power in the international political economy.

361 TOPICS IN POLITICAL THEORY 3
POL 101, 105, 106, or 161 or 60 sem hrs or cons inst req. May be repeated if content different.
 Selected advanced topics covering specific concepts or authors in political theory.

363 POLITICAL THEORIES OF NONVIOLENCE 3
POL 101, 105, 106, 161, 261, 262, 265, or cons inst req.
 Analysis of contending theories and approaches regarding nonviolence and civil disobedience.

398.01 PROFESSIONAL PRACTICE: PUBLIC SERVICE INTERNSHIP 1-16 F,S
Max 6 hrs/POL maj; max 3 hrs/POL min. Complete dept internship application procedure.
 Planned, supervised experience in a governmental or community organization, providing on-the-job training and introduction to public service careers.

Legal Studies Courses

The following courses are designed for the Legal Studies program. Except for POL 201, 203, 204, and 398.20, these courses may not be counted for credit toward a Political Science major or minor. A maximum of 9 hours may be applied to a Political Science major or minor from Legal Studies courses.

201 INTRODUCTION TO LAW FOR PARALEGALS 3 F,S
45 hrs req.
 A paralegal specialty course that introduces students to basic legal concepts, and the role of paralegals/legal assistants in the American legal system.

203 LEGAL RESEARCH I 3 F
POL 201 or cons Legal Studies advisor req.
 A writing-intensive, paralegal specialty course that introduces students to the basic techniques of legal research.

204 LEGAL RESEARCH II 3 S
POL 203 req.
 A writing-intensive paralegal specialty course that covers advanced legal research.

216 INTRODUCTION TO TORTS 3 S
Not for cr POL maj/min.

An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action.

314 INVESTIGATIVE TECHNIQUES 3 F
POL 201 and 216 req. Not for cr POL maj/min.
 Techniques for the gathering and preparation of evidence for use in legal disputes.

319 PROBATE LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
 Introduction to the fundamentals of probate law with emphasis on tasks which can be performed by paralegals.

322 DOMESTIC RELATIONS LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
 Overview of the laws and procedures governing legal aspects of marriage and child custody. Emphasis is placed on tasks which can be performed by paralegals.

370 LITIGATION I 3 F
POL 201 and 203 req. Not for cr POL maj/min.
 An advanced paralegal specialty course that covers both civil and criminal litigation from the filing of a legal action through the defendant's responses.

371 LITIGATION II 3 S
POL 370 req. Not for cr POL maj/min.
 An advanced paralegal specialty course that covers both civil and criminal litigation from the discovery and pretrial motions through the trial and appellate stages.

372 EMPLOYMENT LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
 A paralegal specialty course covering retirement plans, collective bargaining agreements, workmen's compensation, anti-discrimination laws, and OSHA regulations.

398.20 PROFESSIONAL PRACTICE: PARALEGAL INTERNSHIP 1-16 F,S
POL 201 req. Max 6 hrs POL maj; max 3 hrs POL min. Complete dept internship application procedure.
 Internship provides work experience involving paralegal skills.

PSYCHOLOGY (PSY) 462

435 DeGarmo Hall, (309) 438-8651

Web address: www.cas.ilstu.edu/psychology

Chairperson: David Patton Barone

Tenured/Tenure-track Faculty:

Distinguished Professor: Berk.

Professors: Alferink, Barone, Bergner, Catanzaro, Creasey, Graybill, Jarvis, Johnson, Landau, Pryor, Redding, Reeder, Stevens, Swerdlik.

Associate Professors: Binning, DeSouza, Farmer-Dougan, Hardwick, House, Pfost, Williams.

Assistant Professors: K. Critchfield, T. Critchfield, Cutting, Hesson-McInnis, Hoff, Kahn, McBride, Meyers, Nauta, Reese-Weber.

General Department Information

Admission Requirements:

Students may declare a major or minor in Psychology upon admission to the University or with permission of the Department. Admission to the major or minor for internal transfers (undergraduates at Illinois State University who are classified as General Students or have some other declared major) is based upon completion of a change-of-major/minor form in the Psychology Department. Students should consult with Psychology undergraduate advisors for current GPA requirements for admission to the major and minor.

— **NOTE:** Students who seek admission to the Psychology major after the completion of 90 hours should anticipate spending at least one additional semester completing course requirements for the major.

MINOR IN COGNITIVE SCIENCE

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN DISABILITY STUDIES

The Department of Psychology participates in the Minor in Disability Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled, "Minor in Disability Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN PSYCHOLOGY

The Department offers honors work for superior students majoring in Psychology. In order to qualify, the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, the student must complete a senior thesis (PSY 299-Independent Honors Study) which reflects substantial research and quality of thought. The student completing the program may choose to present the thesis at an honors colloquium.

Psychology Programs

Degrees Offered: B.A., B.S.

MAJOR IN PSYCHOLOGY

- 37 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 111, 231, ECO/GEO/POL/PSY 138, 331, 340, 392.

- All majors are required to take 4 courses from the following: PSY 320, 334, 350, 360, 361, 363, 364, 365, 366 (or 368), 367, PSY 301 (or 302 or 303). Not more than 13 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.
- Students who major in Psychology must complete the following courses or equivalents: ENG 101, 145; 1 course from MAT 119, 120, 121, 144, or 145; 2 approved classes with laboratories in Biological Sciences, Chemistry, or Physics (see Department for list of approved lab courses); and at least 1 course from PHI 101, 112, 150, 210, 224, 232, 250, 251, 253, or other approved courses.

MINOR IN PSYCHOLOGY

- 21 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 110 or 111, 231, 232.
- Plan a program of study in consultation with an advisor in the Psychology Department.
- **NOTE:** ECO/GEO/POL/PSY 138 recommended, (may count towards General Education). Except for PSY/SOC 123 and PSY/SOC 131, course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

MINOR IN PSYCHOLOGY

For Teacher Education:

- 21 hours in Psychology required.
- Meet departmental admissions criteria.
- Required courses: PSY 111, 231, 232.
- Select 1 course from the following: PSY 113, 131.
- Select 3 courses from the following: PSY 320, 334, 360, 361, 363.
- Plan a program of study in consultation with an advisor in the Psychology Department.
- Complete Teacher Certification requirements.
- **NOTE:** ECO/GEO/POL/PSY 138 recommended (may count towards General Education). Except for PSY/SOC 123 and PSY/SOC 131, course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercise
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Psychology Courses

- 110 EXPLAINING HUMAN BEHAVIOR** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg in ENG 101 req. Not for cr if had PSY 111. Students may be expected to participate in experiments. Not for cr in PSY maj. May not be taken under the CT/NC option.

A review and critical analysis of psychology's most influential explanations of human behavior (e.g. intrapsychic, interpersonal, socio-cultural, and biological) as applied to everyday life.

- 111 GENERAL PSYCHOLOGY** 3 F,S
Students may be expected to participate in experiments. May not be substituted for PSY 110.

Introduction to the discipline of psychology as the scientific study of behavior with emphasis on general principles.

- 113 DEVELOPMENT THROUGH THE LIFE SPAN** OC-KD/SS 3 F,S
Inner Core req. PSY 110 or 111 rec. Not for cr if had PSY 112, 301, 302, or 303.

An examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences.

- 123 HUMAN SEXUALITY** 3 F,S
SOC 106 or PSY 110 or 111 rec. Not for cr if had SOC 123.

Basic psychological, socio-cultural, and physiological elements of human sexuality.

- 131 SOCIAL PSYCHOLOGY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as SOC 131.

Scientific study of ways individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

- 138 SOCIAL SCIENCE REASONING USING STATISTICS** MC-QR 4 F,S
IDS 100; MAT 111, 120, 130, or 145 req. Also offered as ECO/GEO/POL 138. May not be taken under the CT/NC option. Formerly ECO 131. Not for cr if had PSY 240.

Uses a classroom/laboratory approach and the study of controversial social science news items to develop skills in statistical reasoning and method.

- 215 EDUCATIONAL PSYCHOLOGY** 3 F,S
PSY 110 or 111 req. Designed for prospective school teachers. Incl Clin Exp: Type 1.

Application of psychology to education covering human learning in school settings; evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning.

- 230 BUSINESS AND INDUSTRIAL PSYCHOLOGY** 3 F,S
PSY 110 or 111 req.

Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior.

- 231 RESEARCH METHODS IN PSYCHOLOGY** 3 F,S
PSY 110 or 111 req. Formerly EXPERIMENTAL PSYCHOLOGY.

Philosophy of science and inquiry with emphasis on experimental methodology and some application of principles through laboratory experimentation and demonstration.

- 232 PERSONALITY** 3 F,S
PSY 110 or 111 req.

Representative personality theories and how they interact in today's society with normal and pathological patterns and the modification of these patterns.

- 234 INTRODUCTION TO PSYCHOLOGICAL TESTING** 3 F,S
SED maj only. PSY 110 or 111 req. Not for cr in PSY maj.

Survey of psychological tests and testing principles with applications to the Special Education classroom.

- 247 CHARACTERISTICS OF LD/BD/EMH IN CHILDREN AND ADOLESCENTS** 3 F,S
SED maj only. PSY 110 or 111 req. Not for cr if had PSY 347.

Definitions and classification systems for LD, BD, and EMH children and adolescents; labeling; theories of etiology; prevalence; educational and psychological characteristics of the three populations.

- 255 LIFESTYLE ISSUES FOR PEOPLE WITH DISABILITIES** 3 F
Also offered as KNR 255 and SED 255.

Overview of psychological and cultural issues impacting the independence and quality of life of individuals with disabilities.

- 287 INDEPENDENT STUDY** 1-6
Max of 6 hrs may be applied toward graduation. Cons dept chair and supervisor req.

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study.

- 290 SPECIAL PROJECTS** 1-3 F,S
Cons dept chair and inst. May be repeated max 6 hrs.

Opportunity for students to work on community, research, or teaching projects under faculty supervision.

301 DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD 3 F,S

PSY 110 or 111 req.

Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence.

302 DEVELOPMENTAL PSYCHOLOGY OF ADOLESCENCE 3 F,S

PSY 110 or 111 req. May Incl Clin Exp: Type 1.

Motor, cognitive, and emotional development and personality growth of the adolescent.

303 ADULT DEVELOPMENT AND AGING 3 F

PSY 110 or 111 req.

Physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues.

304 GERONTOLOGICAL PSYCHOLOGY 3 S

PSY 110 or 111 req.

Psychological aspects of developmental transformations occurring during later adulthood. Application of psychology to problems of aging.

305 PSYCHOLOGY OF WOMEN 3 F,S

PSY 110 or 111 req.

Psychological research to place in scientific perspective the etiology and behavioral consequences of female and male-oriented attitudes.

320 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 F,S

PSY 111 req.

Historical antecedents of modern psychology, beginning with Aristotle. Examination of modern psychology from a systematic point of view.

331 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY 3 F,S

PSY 231 and ECO/GEO/POL/PSY 138, or cons inst req. PSY maj only. May be repeated if content different. Formerly STUDIES IN EXPERIMENTAL PSYCHOLOGY.

Advanced research course focusing on particular content areas. Sections concentrate in different areas: .01 Developmental, .03 Operant Behavior, .04 Perceptual, .05 Social, .07 Cognitive Processes, .11 Personality.

333 PRINCIPLES OF BEHAVIOR MODIFICATION 3 F,S

PSY 110 or 111 req.

Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings.

334 PSYCHOLOGICAL MEASUREMENT 3 F,S

PSY 110 or 111 req.

Selection, evaluation, and interpretation of psychological tests, with emphasis on basic theory. Tests are considered as indicators of constructs in specific decision situations.

340 STATISTICS FOR THE SOCIAL SCIENCES 3 F,S

PSY/ECO/GEO/POL 138 req. Not for cr if had PSY 240 or PSY 345. PSY maj only.

Advanced statistical techniques for the behavioral sciences including hypothesis testing, inferential statistics, and data analysis using SPSS.

346 PSYCHOLOGY OF EXCEPTIONAL CHILDREN 3 F,S

PSY 112 or 113 or 232 or 301 or 302 or C&I 210 req. May Incl Clin Exp: Type 1.

Socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children.

347 BEHAVIOR DISORDERS IN CHILDREN 3 F,S

PSY 110 or 111 req.

Medical, psychological, and sociological aspects of behavioral disorders of children.

350 PSYCHOPATHOLOGY 3 F,S

PSY 110 or 111 req.

Behavior disorder, neuroses, psychoses, character disorders, mental deficiencies, and other psychopathological conditions.

351 CLINICAL APPLICATIONS OF PSYCHOLOGY 3 S

PSY 350 or conc reg req.

Introduction to the application of psychological principles in the professional practice of psychology in community and school settings.

360 LEARNING 3 F,S

PSY 111 req.

Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems.

361 PERCEPTION 3 F,S

PSY 111 req.

Cognitive processes and their relationship to other processes. Relationship of sensation, attention, and memory to perception and factors influencing perception.

363 PHYSIOLOGICAL PSYCHOLOGY 3 F,S

PSY 111, 231, and BSC 101 or equiv or cons inst req.

Neurophysiological and biochemical substrates of behavioral processes including sensori-motor, perceptual, motivational, emotional, and intellectual behaviors.

364 MOTIVATION 3 F,S

PSY 110 or 111 req.

Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas.

365 DYNAMICS OF SOCIAL BEHAVIOR 3 F,S

PSY 131 or SOC 131 req.

An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc.

366 COGNITIVE PSYCHOLOGY 3 F,S*PSY 111 and 231 or cons inst req.*

Information processing analysis of perception, attention, memory, language, and thinking.

367 INTRODUCTION TO BEHAVIORAL PSYCHOPHARMACOLOGY 3 F,S*PSY 231 and BSC 101 or 196 req ; PSY 363 rec.*

Foundation concepts and examination of drug action and behavior.

368 HUMAN MEMORY 3 F*PSY 110 or 111 req.*

Basic theories and findings in the study of human memory with a focus on organization, development, distortions, and disorders.

375 PERSONNEL PSYCHOLOGY 3 F,S*PSY 230 or 334 or cons inst req.*

Procedures and methods used to match individual skills and abilities to the requirements of specific jobs; emphasis is on personnel selection.

376 ORGANIZATIONAL PSYCHOLOGY 3 F,S*PSY 230 or cons inst req. Not for cr if had MQM 221 or 421.*

Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology.

392 SENIOR SEMINAR 3 F,S*Sr standing; PSY maj only.*

A capstone course for PSY majors featuring in-depth study of selected topics. Consult department for specific content of each section.

395 PROFESSIONAL PRACTICE SEMINAR I 2 F,S*PSY 398.02 conc reg req.*

Research application course focusing on utilizing the science of psychology in specific community settings.

396 PROFESSIONAL PRACTICE SEMINAR II 1 F,S*PSY 395, 398.02; PSY 398.03 conc reg req.*

Research application course focusing on utilizing the science of psychology in specific community settings.

398.01 PROFESSIONAL PRACTICE: PSYCHOLOGY 1-6 F,S

15 hrs in PSY; jr/sr standing; 2.2 GPA; cons of dept req. Not for cr maj/min. May be repeated for different experience, up to max 6 hrs total; 1-3 cr hrs per placement.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP I 3 F,S

15 hrs in PSY; jr/sr standing; 2.2 GPA; conc reg PSY 395 and cons of dept req. Not for cr maj/min.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP II 3 F,S

15 hrs in PSY; jr/sr standing; 2.2 GPA; PSY 398.02, conc reg PSY 396 and cons of dept req.

SOCIAL WORK (SWK)**465****313 Rachel Cooper, (309) 438-3631****Web address: www.socialwork.ilstu.edu****Email address: socialwork@ilstu.edu****Director: Richard M. Grinnell, Jr.****Tenured/Tenure-track Faculty:***Professor: Grinnell, Smith.**Associate Professors: Campbell, Cunningham, Hamilton, Howard, Unrau.**Assistant Professors: Adam, Bergquist, Hand, Jones, Leichty, Stampley, Thurman, Wehrmann, Zosky.***General School Information****Admission Requirements:**

Students may declare a major in the School of Social Work upon admission to the University or with permission of the School. All internal transfers (coming from general student status or some other declared major) must meet the following requirements:

1. Achievement of a cumulative 2.50 GPA at Illinois State University.
 2. Grade of C or better in any major required course taken at Illinois State University or a transferred equivalent.
 3. Completion of appropriate application and interview by the undergraduate advisement coordinator.
- **NOTE:** The School of Social Work reserves the right to maintain a balanced enrollment. This may restrict the numbers of freshmen, transfer students, and internal transfers who wish to be Social Work majors.
- **NOTE:** Most Social Work courses are restricted to Social Work majors.
- **NOTE:** The School does not offer a minor in social work.
- **NOTE:** Only Social Work students may take required courses. Academic credit for life experience and/or previous work experience is not given, in whole or in part, in lieu of any social work course.

All Social Work majors must also be formally admitted to the program. The admission process is a prerequisite for taking any 300-level Social Work course. In order to be formally admitted, students are required to make formal application during their enrollment in SWK 223. To be accepted, students must have satisfied the following requirements:

1. At least 30 hours of credit with a minimum 2.50 overall GPA;
2. Grade of C or better in all courses required for the major;
3. Successful completion of at least 50 pre-approved hours of volunteer or paid work experience in an appropriate social service agency within the past 2 years.

Exemptions from the grade point requirement may be made for students who demonstrate potential for academic success in Social Work. Exceptions are granted upon the recommendations of the Social Work Admission Committee and the Director or designee of the Social Work program.

Retention Requirements:

The School reserves the right to enforce professional standards of practice as specified in Section 6369 of the Clinical Social Work and Practice Act. These standards may be taken into consideration in decisions related to program retention. Students have the right to appeal these decisions.

Social Work Program

Degrees Offered: B.A., B.S.

MAJOR IN SOCIAL WORK

- 66 hours required, including 12 hours in foundation courses and 54 hours in Social Work core courses.
- 12 hours required in Social Work foundation courses: one human biology course (BSC 145, 101, or 181); one statistics course (SOC 275; ECO/GEO/POL/PSY138, or PSY 240); one sociology course (SOC 111, 112, 123 or SOC/PSY 131); and PSY 350.
- 54 hours required in Social Work courses: 222, 223, 225, 310, 315, 316, 325, 326, 329, 336, 337, 345, 394, 395, 398.10, and 398.11.

Fall Semester 2003

SWK 223 - Human Behavior I
 SWK 325 - Generalist Practice: Individuals
 SWK 326 - Practice Skills Laboratory

Spring Semester 2004

SWK 225 - Human Behavior II
 SWK 336 - Generalist Practice II: Families
 SWK 310 - Practice with Diverse Populations
 SWK 329 - Preparation for Professional Practice
 SWK 222 - Contemporary Social Welfare Policy

Fall Semester 2004

SWK 315 - Social Work Research
 SWK 337 - Generalist Practice III: Groups
 SWK 398.10 - Field Instruction I
 SWK 394 - Field Instruction Seminar I

Spring Semester 2005

SWK 316 - Social Work Evaluation
 SWK 345 - Generalist Practice IV: Communities
 SWK 398.11 - Field Instruction II
 SWK 395 - Field Instruction Seminar II

- Suggested electives: ACS 140; CJS 101, 102; C&I 312; COM 223; ECO 103; FCS 224; IDS 111, TEC 175; MAT 111; PHI 138; POL 105, 215, 238; PSY 112, 113, 138, 232, 301, 302, 333, 347; SED 109; SOC 106, 108, 111, 112, 123, 240, 260, 262, 263, 332, 342, 366; SWK 125, 160, 323, 330; WS 120; or other relevant courses selected in consultation with the school's Undergraduate Advisement Coordinator.
- The Baccalaureate Degree in Social Work is accredited by the Council on Social Work Education. The principal educational goal is to prepare students for beginning generalist social work practice.
- All social work majors will attend a number of professional social work workshops as a part of the course requirements in which they are enrolled beginning in the second semester of their junior year.

Some of these workshops are offered in off-campus settings such as local social service agencies, schools, professional development settings, and other approved non-University settings. While some workshops may need to be scheduled in lieu of regular class periods, the time required in workshops will always equal and may exceed the time scheduled for regular class periods.

Special Certificates:

Women's Studies Certificate and Minor: This special program has been designed for students who wish to enhance the Social Work major by integrating a working knowledge of gender issues with the generalist BSW degree.

Child Welfare Certificate: This special certification is available to social work majors who wish to practice within the child welfare field in the State of Illinois.

Gerontology Certificate and Minor: This special program has been designed for students who wish to enhance the social work major by integrating a working knowledge of gerontological issues with the undergraduate social work degree.

Students interested in any of the above programs should contact the School of Social Work Undergraduate Advisement Coordinator.

Social Work Courses**125 BUILDING HEALTHIER COMMUNITIES THROUGH COMMUNITY INVOLVEMENT**

OC-KD/SS 3 F,S
Inner Core req.

Study of social issues with emphasis on rebuilding healthier communities, including an experiential service learning component.

160 INTERNATIONAL SOCIAL WELFARE

3 F,S

A cross-national study of basic social welfare services in developing nations. Food, income, housing, health, and social services in 3 third-world countries.

170 INTRODUCTION TO SOCIAL WORK

3 F,S

Formerly INTRODUCTION TO GENERALIST SOCIAL WORK and formerly SURVEY OF SOCIAL WORK AND SOCIAL WELFARE.

Survey of contemporary social work from a generalist perspective.

221 INTRODUCTION TO SOCIAL WELFARE POLICY

3 F,S

SWK 170 or conc reg req; SOC 106 and PSY 110 or 111 rec. Formerly INTRODUCTION TO SOCIAL WELFARE.

The historical development of social welfare as an institution and the impact of social factors, economic factors, political factors, and ideological systems on social welfare laws, policies and programs. Includes the development of the social work profession from selected social movements.

222 CONTEMPORARY SOCIAL WELFARE POLICY**3 F,S**

SWK 221 req. Formerly SOCIAL WELFARE POLICY AND SERVICES.

Descriptive, analytical, and critical analysis of social welfare programs, policies, and issues.

223 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I**3 F,S**

PSY 110 or 111; BSC 145; SOC 131 and 264 or conc reg req.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro social work practice.

225 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II**3 F,S**

SWK 223 req.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for macro social work practice.

310 PRACTICE WITH DIVERSE POPULATIONS**3 S**

SWK 223, 325, 326, or cons inst req.

Examines the impact of discrimination and oppression on the development and delivery of social work services to diverse populations.

315 SOCIAL WORK RESEARCH**3 F,S**

SWK 221 or conc req. Maj only or cons dept advisor.

Application of theories and skills of research to social work practice with individuals, families, groups, communities, and organizations.

316 SOCIAL WORK EVALUATION**3 S**

SWK 315, 337, 394, 389.10 req.; Sr. standing.

Covers several models used to design and conduct case- and program-level evaluation in social work.

323 CHILD WELFARE SERVICES**3 F,S**

SWK 222 rec or SED or FCS maj. Rec before SWK 398.10 if student wishes placement in a child-serving agency.

Services for dependent, neglected, abused, and handicapped children and their families.

325 GENERALIST PRACTICE I: INDIVIDUALS**3 F,S**

SWK 221, 223 or conc reg req. Maj only or cons dept advisor. Conc reg SWK 326 req. Formerly GENERALIST SOCIAL WORK PRACTICE WITH INDIVIDUALS, and formerly SOCIAL WORK METHODS I.

Introduction to generalist social work practice with an emphasis on working with individuals.

326 PRACTICE SKILLS LABORATORY**3 F,S**

Cons reg SWK 325 req. Maj only. Jr. standing. Formerly SOCIAL WORK SKILLS LABORATORY and formerly SOCIAL WORK METHODS I LAB.

Lab course which teaches interpersonal social work practice skills.

329 PREPARATION FOR PROFESSIONAL PRACTICE**3 S**

SWK 223, 325, 326 req.

An educationally focused community service experience and seminar that emphasizes socialization of students to the profession of social work.

330 TOPICS IN CONTEMPORARY SOCIAL WORK AND SOCIAL WELFARE**2-3 F,S**

SWK 221 or cons inst req. May be repeated.

Analysis of current social welfare topics and the role of the profession of social work.

335 GENERALIST SOCIAL WORK PRACTICE WITH FAMILIES AND GROUPS**3 F,S**

SWK 225 and 325 or conc reg req. Maj only or cons School adv. Lecture and lab. Formerly SOCIAL WORK METHODS II. Materials charge optional.

Continuation of methodology and skills in social work practice, focusing specifically on knowledge, principles, techniques, and approaches to effect change in small groups and families.

336 GENERALIST PRACTICE II: FAMILIES**3 S**

SWK 223, 325, 326 req. Not for credit if had SWK 335.

Introduces students to the social work knowledge and practice skills necessary to effect change and growth in struggling families.

337 GENERALIST PRACTICE III: GROUPS**3 F**

SWK 222, 225, 310, 329, 336 req. Not for credit if had SWK 335.

Expands the theoretical foundation and practice methodology by focusing specifically on knowledge, and skills to effect change in small groups.

345 GENERALIST PRACTICE IV: COMMUNITIES**3 F,S**

SWK 315, 337, 394, 398.10. Formerly GENERALIST SOCIAL WORK PRACTICE WITH COMMUNITIES and formerly SOCIAL WORK METHODS III.

Social work practice with neighborhoods, communities, and human service agencies, including program planning, administration, supervision, and evaluation.

394 FIELD INSTRUCTION SEMINAR I**2 F**

SWK 222, 225, 310, 329, 336; conc reg SWK 398.10; Sr. standing and formal adm to SWK maj req. Maj only. Not for credit if had SWK 396.

Taken with the field practicum, this seminar facilitates students' initial integration of generalist practice knowledge with practice in a field agency.

395 FIELD INSTRUCTION SEMINAR II**2 S**

SWK 315, 337, 394, 398.10; conc reg SWK 398.11 req. Not for cr if had SWK 396.

Taken with the field practicum, this seminar facilitates students' integration of generalist practice knowledge with practice in a field agency.

396 FIELD INSTRUCTION SEMINAR 1-3 F,S
Conc reg SWK 398.10 and 398.11 req. SWK 315 and 335 req. PSY 350 or conc reg req. Sr. standing and formal adm to SWK maj req. Maj only.

Taken concurrently with the field practicum courses, this seminar facilitates students' integration of generalist practice knowledge with their practice in a field agency setting.

**398.10 PROFESSIONAL PRACTICE:
 FIELD INSTRUCTION I 7 F**
SWK 222, 225, 310, 329, 336; conc reg SWK 394 req. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION I.

Supervised field instruction and practice in social work methods with individuals, groups, and communities in a social welfare agency.

**398.11 PROFESSIONAL PRACTICE:
 FIELD INSTRUCTION II 7 S**
SWK 315, 337, 394, 398.10; conc reg SWK 395 req. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION II.

Advanced supervised field instruction and practice in social work. Setting usually the same as in SWK 398.10 but experiences are more diverse and complex.

SOCIOLOGY - ANTHROPOLOGY

338 Schroeder Hall, (309) 438-8668

Web address: www.lilt.ilstu.edu/soa/

Chairperson: Nick Maroules.

Tenured/Tenure-track Faculty:

Sociology: *Distinguished Professor:* Stivers

Professors: Heyl, Leonard, McKinney, Rau, Sprecher, Tolone, Treadway.

Associate Professors: Gerschick, Griffin, Maroules, Moghadam, Toro-Morn, Wortham.

Assistant Professors: Beck, Bjorklund, Brown, Frank, Gill, Schmeeckle.

Anthropology: *Distinguished Professor:* Orser.

Professors: Dirks, Nickels, Skibo.

Associate Professor: Stanlaw.

Assistant Professor: Bessa.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences is administered in the Department of History in cooperation with the Departments of Sociology-Anthropology; Economics; Geography, and Politics and Government. For further information see Social Science programs.

MINOR IN COGNITIVE SCIENCE

The Department of Sociology-Anthropology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science"

under University-Wide Curriculum in this *Undergraduate Catalog*.

MINOR IN URBAN STUDIES

The Department of Sociology-Anthropology participates in the Minor in Urban Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Urban Studies Minor Advisor as well as the section entitled "Minor in Urban Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

Sociology Programs (SOC) 466

Degrees Offered: B.A., B.S

Academic Requirements:

To graduate with a Sociology Major, students must earn a grade of C or better in each of the 6 required upper-level courses, SOC 206, 270, 271, 275, 292, and 300.

Concentrations:

The Sociology program has identified several departmental concentrations that can be useful in planning the student's academic program. Students majoring in Sociology may elect (but are not required to elect) a concentration in Health and Aging; Social Inequality and Stratification; Deviance; Technology, Organizations, and Occupations; Social-Psychology and Social Interaction; and Community/Demography. Selecting a concentration is helpful for focusing on specific career objectives.

1. **Health and Aging:** Courses required for major plus SOC 210, 211, 212, and 311.
2. **Social Inequality and Stratification:** Courses required for major plus SOC 111, 260, 264, 341.
3. **Deviance:** Courses required for major plus SOC 108, 263, 365, and 367.
4. **Technology, Organizations, and Occupations:** Courses required for major plus SOC 175, 255, 352, and 355.
5. **Social-Psychology and Social Interaction:** Courses required for major plus SOC 131, 262, and 331.
6. **Community/Demography:** Courses required for major plus SOC 240, 361, 362, and POL 335. (Independent Study, SOC 287, may be substituted for one of the previous courses if focused on a community, population, or urban theme).

NOTE: For further information see the Sociology academic advisor.

MAJOR IN SOCIOLOGY

Admission to the Sociology Major may be affected and restricted by the lack of available Department resources in times of oversubscription.

Ordinarily students will need a minimum of four semesters of college work left to satisfy the sequencing requirements of the six upper level required courses.

- 37 hours in Sociology and 6 hours in Anthropology required.
- Required courses: SOC 106, 206, 270, 271, 275, 292, 300, and electives to complete 37 hours (no more than 9 hours of 100-level Sociology electives will count in the major); at least 6 additional hours in Anthropology. No Anthropology course may be counted toward the 37 hours of Sociology courses required for the major.
- NOTE: One of the following Sociology offerings for General Education may count toward both the major and the General Education program requirements: SOC 108, 111, 112, 131, or 240.

MINOR IN SOCIOLOGY

- 18 hours in Sociology required.
- Required course: SOC 106. No Anthropology course may be counted toward the 18 hours in Sociology required for the minor.

MINOR IN SOCIOLOGY

For Teacher Education:

- 24 hours required.
- Required courses: SOC 106. No Anthropology course may be counted for the 18 hours in Sociology required for the minor. Other suggested course work may include SOC 123, 211, 262, 264.
- 18 hours in Sociology required, and an additional 6 hours in Social Sciences.

MINOR IN GERONTOLOGY

Interdisciplinary Minor:

For further information contact the Gerontology Coordinator, Department of Sociology - Anthropology.

- 21 hours required.
- Required courses (9 hrs): SOC 211; PSY 303 or 304; FCS/HSC 394.
- Electives (12 hrs) approved by the Gerontology Committee. Students without direct work or extensive volunteer experience with older persons will be advised to register for approved Professional Practice (SOC 398.01, 3-6 hrs) as a part of the elective requirement. Other electives include but are not limited to: SOC 210, 212, 311; COM 331; FCS 305.

Anthropology Programs (ANT) 464

Degrees Offered: B.A., B.S

MAJOR IN ANTHROPOLOGY

- Minimum of 36 hours in Anthropology required.
- Required courses (21 hrs): ANT 100, 274, 277, 281, 286, 380, 382.
- Electives (15 hrs):
Four courses to be chosen from each of the 4 subfields

of Anthropology (i.e., at least 1 course each of the 4 following groups):

Biological Anthropology: ANT 288, 290, 306, 383, 387.

Archaeology: ANT 181, 283, 301, 306, 381, 383, 386, 388, 392.

Cultural Anthropology: ANT 272, 273, 279, 285, 294, 295, 289.03, 306, 383.

Linguistic Anthropology: ANT 143, 294, 306, 383.

(One 3-hr elective to be chosen from any other Anthropology offering at the 300-level.)

- NOTE: Students will be advised in individual consultation to take a number of supporting courses in cognate disciplines. The program in cognates may emphasize either the social sciences or the natural sciences, reflecting the student's primary interest in biological anthropology, cultural anthropology, archaeology, or linguistics. Cognate course may count toward the required 4 subfield electives with consent of the program coordinator or the student's anthropology advisor. All anthropology majors are strongly encouraged to take SOC 275 as part of their undergraduate curriculum. No Sociology courses may be counted toward the 36 hours in Anthropology required for the major. One of the following Anthropology offerings for General Education may count toward both the major and the General Education requirements: ANT 101, 175, 185, 272, or 289.07.

MINOR IN ANTHROPOLOGY

- 18 hours in Anthropology required.
- Required course: ANT 100.
- NOTE: Additional Anthropology electives will be recommended on an individual basis. No Sociology course may be counted toward the 18 hours in Anthropology required for the minor.

MINOR IN ANTHROPOLOGY

For Teacher Education:

- Requirements are the same as Minor in Anthropology.

Sociology Courses (SOC)

106 INTRODUCTION TO SOCIOLOGY 3

Structure and dynamics of human society. Concepts of culture, socialization, stratification, collective behavior, family, minority relations, population, crime.

108 CONTEMPORARY SOCIAL PROBLEMS IN

GLOBAL PERSPECTIVE MC-IS 3 F,S

IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Not for cr if had SOC 107.

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives.

- 111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE** MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as HIS 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

- 112 AMERICAN FAMILY: CHANGE AND DIVERSITY** MC-UST 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as FCS/HIS 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

- 123 HUMAN SEXUALITY** 3
SOC 106 or PSY 111 or 110 rec. Not for cr if had PSY 123.

Basic psychological, socio-cultural, and physiological elements of human sexuality.

- 131 SOCIAL PSYCHOLOGY** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. May not be taken under the CT/NC option. Also offered as PSY 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

- 175 LIVING IN A TECHNOLOGICAL WORLD** MC-IS 3 F,S
IDS 100; ENG 101 and COM 110 req. or ENG 101 and conc reg req in COM 110, or COM 110 and conc reg req in ENG 101. Also offered as TEC 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

- 206 SOCIOLOGICAL INQUIRY** 3 F,S
SOC maj only. C or better in SOC 106 req.

In-depth introduction to sociological thought and inquiry.

- 210 SOCIOLOGY OF HEALTH AND MEDICINE** 3
SOC 106 rec; 45 hrs or cons inst req.

Analysis of social roles related to disease and illness; social aspects of distribution of disease; societal response in health professions and the organization of medicine.

- 211 SOCIAL GERONTOLOGY** 3
SOC 106 or PSY 111 rec; 45 hrs or cons inst req. Materials charge optional.

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society.

- 212 SOCIOLOGY OF DEATH** 3
SOC 106 or PSY 111 rec; 45 hrs or cons inst req.

Complexities of death-related behavior in modern societies; sociological and social-psychological viewpoints; theoretical and pragmatic implications.

- 240 PEOPLE IN PLACES: UNDERSTANDING AND DEVELOPING COMMUNITY** OC-KD/SS 3 F,S
Inner Core req. MC-IS category req.

Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences.

- 255 SOCIOLOGY OF WORK AND OCCUPATIONS** 3
SOC 106 req; 45 hrs or cons inst req.

Sociological principles applied to the social institution of work.

- 260 SOCIAL STRATIFICATION** 3 F
SOC 106 rec; 45 hrs or cons inst req.

Theories and character of social class systems, differential class behavior, mobility, power relationships, and caste and estate systems.

- 262 MARRIAGE AND THE FAMILY** 3
SOC 106 rec; 45 hrs or cons inst req.

Sociological and social psychological examination of the patterned and dynamic aspects of marital and family relationships.

- 263 DEVIANT BEHAVIOR** 3
SOC 106 rec; 45 hrs or cons inst req.

Causes, societal response and control of deviant behavior. Definition of deviant acts, stigmatization, and the process of reabsorbing deviants.

- 264 MINORITY RELATIONS** 3
SOC 106 rec; 45 hrs or cons inst req.

Racial, national, religious minorities, and women. Patterns of discrimination and prejudice, and change in intergroup relations.

- 268 SOCIOLOGY OF RELIGION** 3
SOC 106 rec; 45 hrs or cons inst req.

Functions and origins of religion; impact of religion on individual, society, and culture: social forces affecting religion.

- 270 HISTORY OF SOCIOLOGICAL THOUGHT** 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.

Analysis and appraisal of classical works in sociology from mid-19th century to the present.

- 271 INTRODUCTION TO SOCIOLOGICAL RESEARCH** 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.

Convergence of theory and research; design of inquiry, measurement, survey design, data collection, analysis, and interpretation. Research projects are part of the course.

- 275 SOCIAL STATISTICS** 3
MAT 111 or 120 or 130 or 145 req. C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.

Application and interpretation of basic descriptive and inferential statistics used in behavioral research. Non-parametric and parametric statistics are considered.

292 CAREERS FOR SOCIOLOGY MAJORS 1 S

C or better in SOC 106 and 206 req. Major only or cons dept advisor req. Formerly 289.39.

Acquaints students with career opportunities and relates Sociology skills learned to those needed in various career situations. Includes instruction on job placement skills.

300 SENIOR EXPERIENCE IN SOCIOLOGY 3

Maj only and sr standing req. C or better in SOC 106, 206, 270, 271, 275 and 292 req. Conc reg allowed for SOC 270. Formerly SENIOR SEMINAR.

Capstone experience in research and writing on a sociological topic which varies with the specialization of the instructor.

300.01 SOCIAL SCIENCE SEMINAR 3

SSC maj req. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/GEO/HIS/POL 300.01.

An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

311 ISSUES IN GERONTOLOGY 3

SOC 211 or cons inst req; 75 hrs or cons inst req. Materials charge optional.

Advanced treatment of selected subjects in gerontology.

317 SOCIOLOGY OF SPORT 3

75 hrs or cons inst req. Also offered as KNR 317.

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups, and collective behavior.

331 SELF AND SOCIETY 3 F,S

SOC 106 rec; 75 hrs or cons inst req. Not for cr if had SOC 332. Formerly SOC 332 SMALL GROUPS.

Analysis of the micro-level relationships between the individual and society. Topics include social interaction, the self, identity and emotion management.

341 THE SOCIOLOGY OF GENDER 3

SOC 106 or PSY 111 rec; 75 hrs or cons inst req.

Explores the concepts, theories, and methods sociologists utilize to explain differences in the social relations between and among women and men. Individual, interactional, institutional and social change processes are examined.

350 SOCIOLOGY OF EDUCATION 3

SOC 106 rec; 75 hrs or cons inst req.

Sociological perspective on educational systems. Relationship of the educational system to other institutions, organizational characteristics and social factors influencing behavior of students.

352 THE SOCIOLOGY OF COMPLEX ORGANIZATIONS 3

SOC 106 req; 75 hrs or cons inst req.

Internal and external dimensions of complex organizations that help explain adaptation to the environment.

355 INDUSTRY AND SOCIETY 3

SOC 255 req; 75 hrs or cons inst req.

Sociological theories are used to understand how technological advancement influences social forces, and produces unique cultural patterns in modern industrial societies.

361 URBAN SOCIOLOGY 3

SOC 106 rec or cons inst req; 75 hrs or cons inst req.

Urban structure and dynamics studied from a macro perspective, stressing interaction of population, organization, environment, and technology.

362 POPULATION 3 F,S

SOC 106 rec; 75 hrs or cons inst req. Formerly SOC 267.

Dynamics of population size and change, including fertility, mortality, migration, composition, spatial distribution, family, and relation to resources in the United States and the world; application and policy implications.

365 JUVENILE DELINQUENCY 3

75 hrs or cons inst req.

Delinquency as a social and legal problem; theories of delinquency, the juvenile court; prevention and treatment.

366 CONTEMPORARY SOCIAL MOVEMENTS 3

SOC 106 rec; 75 hrs or cons inst req.

Patterns of collective behavior; structure and functions of social movements. Examination of several social movements, analysis of morale, leadership and control.

367 CRIMINOLOGY 3

75 hrs or cons inst req.

Criminological theory and practice. Crime as a social and legal problem. The administration of justice.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN APPLIED SOCIOLOGY 1-6 F,S

SOC 271 or equiv rec; 75 hrs or cons inst req. Max 6 hrs toward SOC maj. Max 16 hrs of all 398 towards graduation.

Independent experience in applying sociology in a supervised community work setting. Academic requirements include final paper for internship coordinator based on integrative research experience.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN SOCIOLOGICAL RESEARCH 3 F,S

SOC 271 and 275 or conc reg req; 75 hrs or cons inst req. May be repeated once. Max 16 hrs of all 398 towards graduation.

Practical experience in the design, implementation, analysis, and reporting of social science research through surveys, secondary data analysis, demographic analysis and program evaluation in a research project, usually in cooperation with a community agency.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN SOCIAL SCIENCE COMPUTER LABORATORY 1-6 F,S

SOC 271 or 275 or conc reg req; 75 hrs or consent req. Max 16 hrs of all 398 towards graduation.

Practical experience and training for work in the social science laboratory. Assist and tutor students enrolled in social science courses with assignments. Special projects as assigned.

Anthropology Courses (ANT)

100 GENERAL ANTHROPOLOGY 3 F,S *ANT maj/min or cons inst req.*

An introduction to the principal subfields of anthropology. Surveys major concepts, methods, discoveries, and their practical applications.

101 HUMAN ORIGINS OC-KD/SS 3 F,S *Inner Core req.*

Overview of the origin and evolution of the human species from the natural scientific, social scientific, and selected religious perspectives.

143 UNITY AND DIVERSITY IN LANGUAGE OC-KD/SS 3 F,S *Inner Core req. Also offered as ENG/FOR 143.*

Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

175 CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS MC-IS 3 F,S *IDS 100; ENG 101 and COM 110 req, or ENG 101 and conc req req in COM 110, or COM 110 and conc req req in ENG 101. May not be taken under the CT/NC option.*

Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective.

181 WORLD PREHISTORY 3 F,S Survey of prehistoric human cultures from their origins to the beginning of the historic period.

185 CULTURES OF THE WORLD OC-DKCC/SS 3 F,S *Inner Core req. Not for cr ANT maj. Formerly ANT 184.*

A surveys of many of the world's societies and traditions, examined from an anthropological perspective.

270 CROSS-CULTURAL PERSPECTIVES ON WOMEN, SEX ROLES AND GENDER 3 F,S *ANT 100, 101, 143, 175, 185; WS 120, or SOC 106 req.*

An examination of the position of women, their inter-relationship with men, the assignment of male and female roles, and the conceptualization of gender ideology in various societies and cultures.

272 NORTH AMERICAN INDIANS 3 S *45 hrs or cons inst req.*

Comparative survey of selected historic and modern Native American cultures.

273 FOODWAYS 3 *45 hrs or cons inst req.*

Comparative study of food habits with emphasis on origins and cultural significance.

274 PRINCIPLES OF ARCHAEOLOGY 3 S *ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.*

Principles, methods, and techniques of locating and excavating archaeological sites, interpreting archaeological data, and reconstructing past behavior.

277 LANGUAGE AND CULTURE 3 *ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.*

Examination of the social and cultural functions of language, applying anthropological linguistic models to the study of past and present cultures.

279 MAGIC, WITCHCRAFT, AND RELIGION 3 *ANT 100, 101, 143, 175, 185; HIS 270; PHI 120, 220; SOC 268, or SOC 106 req.*

Overview of anthropological approaches to the cross-cultural study of religion and the supernatural.

281 PRINCIPLES OF ETHNOLOGY 3 S *ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.*

The major aspects of sociocultural systems such as marriage, domestic organization, age grades, secret societies, and religion studied from a cross-cultural perspective using a variety of theoretical frameworks.

283 NORTH AMERICAN ARCHAEOLOGY 3 *45 hrs or cons inst req.*

Prehistoric cultures of North America, from late Pleistocene to the occupation of the continent by Europeans. Origin and development of cultural patterns traced; current problems examined.

285 ETHNOGRAPHY 3 F *45 hrs or cons inst req.*

Study of the techniques used to describe cultural practices and beliefs.

286 PALEOANTHROPOLOGY 3 F *ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req. Formerly HUMAN EVOLUTION.*

Detailed survey of the principal fossil discoveries, controversies, and proposed models of human biological evolution.

288 HUMAN VARIATION AND ADAPTATION 3 S *45 hrs or cons inst req. Offered odd-numbered years. Alternates with ANT 290.*

Study of human population variation in terms of biological and cultural adaptations to different environments.

290 PRIMATE STUDIES 3 S *45 hrs or cons inst req. Offered even-numbered years. Alternates with ANT 288.*

Concentrated examination of various aspects of the primates: their biology, behavior, evolution, and significance for understanding human nature.

294 JAPANESE SOCIETY AND CULTURE 3 *45 hrs or cons inst req.*

Examination of modern Japanese culture, social structure, and institutions from an anthropological perspective.

295 PEOPLES AND CULTURES OF SUBSAHARAN AFRICA 3 S *ANT 100, 101, 143, 175, 185, or HIS 128 req.*

An ethnographic survey of African peoples and cultures south of the Sahara, focusing on the indigenous African context.

CAS

- Archeological method and theory from 1800 to the present, emphasizing American archaeology.

- Supervised field experience in a professional capacity in any Anthropology subdiscipline with appropriate campus, community, state, national, or international agencies, museums, institutes, organizations, or businesses.

Assistant Professors: Harbers, Ng, Prendergast.

MINOR IN COGNITIVE SCIENCE

The Department of Speech Pathology and Audiology participates in the degree program for the Minor in Cognitive Science. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Honors work in communicative disorders and speech and hearing science is available to qualified students. For additional information, contact the Department advisor.

Speech Pathology and Audiology Programs

Degree Offered: B.S.

MAJOR IN SPEECH PATHOLOGY AND AUDIOLOGY

Teacher Certification Sequence:

- 49 hours in Speech Pathology-Audiology required.
- Required courses: PAS 112 (or 115 if completed prior to declaring a major in Speech Pathology and Audiology), 211, 272, 301, 315, 316, 318, 319, 320, 321, 322, 330, 331, 349, 350, 351.
- Professional Education requirements: SED 145; C&I 220 or SED 362 or 370 or 374; C&I 210; EAF 228 or 231 or 235; PSY 111, 334, 346.

This is a Teacher Education, preprofessional program designed to prepare students for graduate work in communicative disorders. A master's degree in this field is needed to obtain both the Illinois Certificate in Speech and Language Impaired and the American Speech-Language-Hearing Association's clinical certificate. Copies of requirements for both of these are available in the Department office. All supervised Clinical Experiences are obtained at the graduate level.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Speech Pathology Sequence:

- 49 hours in Speech Pathology-Audiology required.
- Required courses: PAS 112 (or 115 if completed prior to declaring a major in Speech Pathology and Audiology), 211, 272, 301, 315, 316, 318, 319, 320, 321, 322, 330, 331, 349, 350, 351.

- Consult Department advisor and Department Advisement Manual for selection of appropriate electives that meet the Illinois license and national certification requirements.

This is a *non-teaching*, preprofessional program designed to prepare students for graduate work in speech-language pathology. This sequence does not qualify students for a teaching certificate. All supervised Clinical Experiences are obtained at the graduate level.

Audiology Sequence:

- 40 hours required. **NOTE:** Because of prerequisites or lack of prior skill, this major may require more hours than indicated.
- Required courses: Speech Pathology and Audiology 112 (or 115 if completed prior to declaring a major in PAS) 211, 272, 301, 315, 318, 320, 321, 330, 331, 349, 350, 351.
- Consult Department advisor and Department Advisement Manual for selection of appropriate electives that meet national certification requirements.

This is a *non-teaching*, preprofessional program designed to prepare students for graduate study in Audiology. This sequence does not qualify the student for a teaching certificate. Upon completion of the master's degree, the student will have completed the academic and clinical requirements for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Audiology. All supervised Clinical Experiences are obtained at the graduate level.

MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY

- 21 hours required.
- Required courses: PAS 211, 315, 320, 350. Electives cannot include practicum courses.
- **NOTE:** Students taking this minor will not qualify in this area for Illinois or American Speech-Language-Hearing Association certification.

Assessment:

Majors in Speech Pathology and Audiology are expected to participate in the assessment process as one of the requirements for an undergraduate degree in this Department.

Speech Pathology and Audiology Courses

115 HUMAN VERBAL DEVELOPMENT

3 F,S

May substitute for PAS 112 as a req for the maj if taken before the maj is declared. Incl Clin Exp. Formerly INTRODUCTION TO HUMAN VERBAL DEVELOPMENT.

The study of human communication, including the anatomy and physiology of speech and hearing, with an emphasis on speech and language development in children and the role of caregivers in the acquisition process.

211 PHONETICS 3 F,S*Incl Clin Exp: 5 hrs, Type 1.*

Sound system of American speech. Standard and non-standard variations. Articulatory and acoustic considerations. Practice in transcribing and reading phonetic symbols.

272 ANATOMY AND PHYSIOLOGY OF THE SPEECH AND HEARING MECHANISM 4 F,S*Lecture and lab.*

Anatomic and physiologic foundation of the speech and hearing mechanism. Current physiologic theory applied to etiology of speech and hearing disorders.

301 SPEECH SCIENCE 3 F,S*PAS 272 req.*

Elementary acoustical theory with application to the study of speech production and reception. Speech spectrography.

315 INTRODUCTION TO PHONOLOGICAL DISORDERS 3 F,S*PAS 211 req. Incl Clin Exp: 4 hrs, Type 1.*

Phonological development, the articulatory process, co-articulation, characteristics and etiologies of phonological disorder.

316 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH 3 F,S*PAS 301 req. Incl Clin Exp: 5 hrs, Type 1.*

Speech disorders related to respiratory-laryngeal and articulatory-resonance systems. Diagnostic and remedial procedures.

318 ORGANIZATION OF SPEECH, HEARING AND LANGUAGE PROGRAMS 3 F,S*Sr standing req.*

Professional attitudes, ethics, and organizations. Responsibilities in various professional settings. Program development and maintenance.

319 STUTTERING I 3 F,S*Sr standing req. Incl Clin Exp: 2 hrs, Type 1.*

Theories of etiology,; the nature of the disorder, profile of the person who stutters, and an introduction to intervention strategies.

320 SPEECH AND LANGUAGE DEVELOPMENT 3 F,S*PAS 211; 112 or 115, or cons inst req. Incl Clin Exp: 5 hrs, Type 1.*

Comprehensive study of acquisition of speech and language by children. Emphasis on first 6 years.

321 LANGUAGE PATHOLOGY 3 F,S*PAS 320 req. Incl Clin Exp: 5 hrs, Type 1.*

Introduction to the identification and remediation of language disorders in children and adolescents.

322 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH II 3 F,S*PAS 272 req. Incl Clin Exp: 5 hrs, Type 1.*

Speech and language disorders related to neurological pathologies. Diagnostic and remedial procedures.

330 INTRODUCTION TO CLINICAL METHODS 3 F,S*PAS 331; maj only. Incl Clin Exp: 15 hrs, Type 1.*

Introduction to clinical techniques and client management. Records, reports, behavioral observation and assessment, therapy procedures and some laboratory experience.

331 DIAGNOSTIC PROCEDURES IN SPEECH PATHOLOGY 3 F,S*PAS 315 and 321 req; maj only. Incl Clin Exp: 5 hrs, Type 1. Formerly PAS 446.*

Test materials and procedures for differential diagnosis of speech and language problems.

349 HEARING SCIENCE 3 F,S

Introduction to concepts, theories, and terminology required for an understanding of auditory processing in the normal-hearing individual.

350 INTRODUCTION TO AUDIOLOGY 3 F,S*PAS 349 req. Incl Clin Exp: 4 hrs, Type 1.*

Principles of hearing measurement: sound, human ear, test methods, hearing losses, screening methods, test interpretation.

351 INTRODUCTION TO AURAL REHABILITATION TRAINING 3 F,S*PAS 350 req. Incl Clin Exp: 4 hrs, Type 1.*

Principles of habilitation/rehabilitation of communication disorders related to hearing impairment. Visual/auditory speech signals. Amplification: function/use.

360 AUGMENTATIVE COMMUNICATION FOR NON-SPEAKING PERSONS 3 S*PAS 316 and 322 req. Incl Clin Exp: 5 hrs, Type 1.*

Introduction to assessment, intervention strategies, technology and empirical research relative to non-speaking individuals.

COLLEGE OF BUSINESS

Dean: Dixie L. Mills, 316 Williams Hall.

Web address: www.cob.ilstu.edu

College of Business Objectives:

The College of Business provides a student-centered learning environment to develop the business skills and appreciation for continuous learning necessary to succeed in a dynamic global economy. Our high quality programs develop ethical, knowledgeable, and technologically competent business professionals. We strive to further the University mission of providing a premier educational experience to students in our undergraduate and graduate programs.

The College offers programs leading to the bachelor's degree with majors in Accounting, Business Administration, Business Teacher Education, Finance, Insurance, International Business, Management, and Marketing. Minor programs are also available. All eligible programs in the College of Business are accredited by the AACSB—the Association to Advance Collegiate Schools of Business.

The College also offers graduate programs leading to the Master of Business Administration, Master of Science in Accounting and Master of Professional Accountancy. Detailed information concerning these programs may be found in the *Graduate Catalog*.

Departments in the College of Business are: Accounting; Finance, Insurance and Law; Management and Quantitative Methods; and Marketing.

Admission Requirements:

Students may be admitted into the College's program from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the College's majors on a competitive and selective basis. The number of students admitted into the program may vary from year to year depending on program capacity and qualifications of students in the pool. The continuance requirements represent the minimum standards for admission into a business major. The College of Business reserves the right to maintain a balanced enrollment.

- A. Freshmen must meet the University admission requirements for this *Undergraduate Catalog*. It is recommended that students have 2 years of the same foreign language.
- B. Transfer students must meet the University and College's admission requirements for transfer students. Students transferring in 60 or more hours into ISU who wish to major in a business major must (1) have a 2.40 GPA and (2) must have taken the equivalent of ACC 131 and earned a grade of "C" or better and (3) must have earned a "C" or better in the equivalent of MAT 119 and MAT 120 or a grade of "C" or better in the equivalent of MAT 121, and (4) must have taken the equivalent of ENG 145.13 and earned a grade of "C" or better.

- C. Students transferring from other majors within the University with less than 60 credits may choose a College of Business major of their choice if their GPA at Illinois State is 2.0 or higher. Students transferring in 60 or more hours to a business major from another Illinois State University program must (1) have a 2.40 GPA and (2) must have taken the equivalent of ACC 131 and earned a grade of "C" or better and (3) must have earned a "C" or better in the equivalent of MAT 119 and MAT 120 or a grade of "C" or better in the equivalent of MAT 121, and (4) must have taken the equivalent of ENG 145.13 and earned a grade of "C" or better.

- D. Students are limited to 24 credit hours of Business courses unless they are a College of Business major and they have satisfied the 4 continuance requirements listed below:

(1) Complete, with a grade of "C" or better, the following non-business tool courses: ENG 101, ENG 145.13; ECO 105; MAT 121. (NOTE: BTE majors take MQM 140 in the place of ENG 145.13 and are exempt from the MAT 121 requirement.)

(2) Show competency in the usage of spreadsheets (MS Office Excel), presentation software, and web page construction by coursework (ACC 167 and ACC 168; or ACC 166 or ACS 150; or IAI BUS 902) or by passing College-administered competency exams in these areas.

(3) Complete, with a grade of "C" or better, the four 100-level business tool courses: BUS 100; ACC 131, 132; MQM 100 or ECO/GEO/POL/PSY 138.

NOTE: University policy allows a student to repeat a course only once. Students who do not satisfy the above requirements within this policy will be limited to 24 credit hours of Business courses and cannot pursue a Business Major.

(4) Earn an overall Illinois State University GPA of 2.40 or higher.

NOTE: Students may be admitted into the College's program from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the College's majors on a competitive and selective basis. The number of students admitted into the program may vary from year to year depending on program capacity and qualifications of students in the pool. The continuance requirements represent the minimum standards for admission into a business major. The College reserves the right to maintain a balanced enrollment.

- Accounting majors also must complete ACC 230 and 231 with a minimum of a "C" in each and a 2.5 GPA in these 2 courses. Prerequisites for ACC 230 and 231 include a minimum 2.5 GPA in ACC 131 and 132.
- Business Teacher Education majors should note that they must be admitted to the Teacher Education program which requires a 2.5 GPA to complete the major.

- Students must have a 2.0 GPA or higher at Illinois State in order to graduate with a Business degree.

Academic Requirements:

The academic requirements of the University apply to all of the programs in the College of Business. In addition, the following special academic requirements apply to all students in the College of Business:

1. Students must complete at least 60 hours of the total 120 hours required for graduation in studies other than business. Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.
2. Students majoring in business must complete their senior year (30 credits) in residence at Illinois State University. Under unusual circumstances, the Dean of the College of Business may grant a modification of this requirement.
3. Each student must successfully complete the college capstone course (MQM 385) and his/her major's designated capstone course at Illinois State University, and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University.
4. Required courses in the major with grades below "C" will not count toward the graduation requirements of College of Business majors. Such grades will be included in computing the cumulative GPA.
5. To remain in and receive credit for an upper division course a student must have earned at the time the course begins a minimum of 60 hours of credit for a 200-level course and a minimum of 75 hours of credit for a 300-level course.
6. Students who go on probation a second or subsequent time will be dropped from the College of Business.
7. Students-at-large and unclassified students must apply for permission from the College of Business to register for business courses. Such students will be required to furnish official transcripts to show that prerequisite requirements have been fulfilled. Some courses in the College have restricted and/or limited enrollments and thus may not be open to students-at-large.
8. A student may repeat a course only once. That is, if a student completes a course or drops a course after the tenth day enrollment report, he or she may enroll officially in that course one additional time. A student who earns a grade (A, B, C, D, F, WX) in an Illinois State University course cannot transfer the equivalent course from another school.

Transfer Policies:

In addition to the general requirements of the University and the College, the following policies apply to transfer students from other academic institutions seeking a Business degree:

1. Credit for business and related courses from 2-year institutions may be transferred and applied to the Business core and to the major program but shall be limited to such courses that the College of Business offers at the 100-level (lower-division freshman and sophomore).
2. Credit for business and related courses from baccalaureate degree granting institutions may be transferred and applied to the business core and to the major if the course for which the credit is being transferred is at the equivalent level of the comparable course at Illinois State and course content and prerequisites are determined to be equivalent.
3. Each student must successfully complete the college capstone course (MQM 385) and his/her major's designated capstone courses at Illinois State University, and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University. Please contact an academic advisor for information concerning specific majors' capstone courses.

Non-Business Majors:

Non-business majors are limited to no more than 24 credits of business course work. Students who desire to elect more than 24 hours in business courses must register for additional courses with permission of the College of Business advisor or Department Chair.

Course Requirements for Business Programs:

NOTE: All College of Business majors and Business Administration Minors are expected to show proficiency in the usage of electronic spreadsheets (MS Office Excel), presentation software, and web page construction by coursework (ACC 167 and ACC 168; or ACC 166; or equivalent) or by passing College-administered competency exams in these areas.

The courses listed below (43-44 hours total) are a required part of the Business core and must be completed by all students majoring in Business programs.

Non-Business Courses (8 hours):

ENG 145.13	Language and Composition II: Writing in Business and Government Organizations	3 hours
ECO 105	Principles of Economics	4 hours
MAT 121	Applied Calculus	4 hours*

*The Math course is required for business majors and fulfills the University's Science, Math, and Technology requirement for B.S. degree programs.

Statistical Course Requirement (3-4 hours):

MQM 100	Statistical Reasoning	3 hours** or
	ECO/GEO/POL/PSY 138	4 hours

**This business course can count toward the student's General Education requirement for Middle Core-Quantitative Reasoning.

The Business Core Courses: (29 hours):**100-level Business Core classes:**

BUS 100	Enterprise 2 hours
ACC 131	Financial Accounting 3 hours
ACC 132	Managerial Accounting 3 hours

200-level Business Core classes:

ACC 270***	Information Systems In Organizations 3 hours
FIL 208	Legal Environment of Business 3 hours
FIL 240***	Business Finance 3 hours
MKT 230	Introduction to Marketing Management 3 hours
MQM 220	Business Organization and Management 3 hours
MQM 227***	Operations Management 3 hours

***This course has the following prerequisites: MQM 100; (or ECO/GEO/POL/PSY 138); ACC 132; ECO 105 (or ECO 101 and 102); MAT 120; and ACC 167 and ACC 168 or equivalent.

Capstone course:

MQM 385 Problems in Business 3 hours
Senior standing only; to be taken after the 200-level Business Core classes are completed with grades of C or better.

Majors in Business Teacher Education take alternate courses to meet the requirements for MAT 121, MQM 227 and MQM 385 as specified under that program's requirements.

Structure of the Business Degree:

Most business majors (except Accounting, Business Teacher Education, and International Business) will have a program of study with the following structure.

General Education/Elective component:

57 hours	General Education requirements: ECO 105, ENG 145.13 and MAT 121 (B.S. degree science, math, and technology course requirement for Business majors).
4 hours	University electives

College of Business coursework:

29 hours	The Business Core courses, listed above.
18 hours	Major required/elective courses (see descriptions under each department).
12 hours	Flexible core.

The Flexible Core:

The general idea of the *flexible core* in our business curriculum is to require each student to gain knowledge in an area outside the primary major area of study. Having a secondary field, and the enhanced understanding of different perspectives that accompanies a broader educational experience, should help the student to build a basis both for initial career success and for lifelong learning. The specific requirement is that each student complete at least *twelve*

semester hours of appropriate, broadening course work in the form of:

- A second major, in or outside the College of Business, or
- A minor, in or outside the College of Business, or
- An approved group of courses, which must be either
 - Standardized (from an approved list; see below) or
 - Self-directed
- In the case of students following the Business Administration-Business Information Systems sequence and the Insurance-Business Information Systems sequence, satisfactory completion of the courses in the Business Information Systems sequence fulfills the flexible core requirement.

The approved groups of courses for each major allow no more than 6 credit hours from the student's primary area of study. The College has several standardized groups of courses for the flexible core that will be effective in serving students' needs. The self-directed flexible core option will arise in situations when a student exhibits unusual interests; these individuals need to seek specific departmental approval for their flexible core *before* beginning the attendant course work.

Flexible Core Standardized Groups:

Advanced Financial Applications/CFA® Option (may be taken by Finance and Insurance majors).

ACC 231	Intermediate Accounting I
FIL 246	Financial Statement Analysis
FIL 343	Security Analysis and Portfolio Management

Either

ACC 261	Business Systems Analysis OR
ACC 232	Intermediate Accounting II

Financial Services Marketing Option (may be taken by Business Administration, Finance, Insurance, and Marketing majors).

MKT 234	Personal Selling and Relationship Marketing
MKT 339	Services Marketing Seminar in Marketing
FIL 353	Financial Planning

Either

FIL 242	Investments OR
FIL 343	Security Analysis and Portfolio Management OR
FIL 370	Educational Investment Fund

General Finance Option (may be taken by Business Administration, Insurance, Management (all sequences) and Marketing majors).

FIL 242	Investments
FIL 218	Financial Markets

Either

FIL 250	Introduction to Risk and Insurance OR
FIL 260	Real Estate Principles

AND ONE OF:

FIL 318	Management of Financial Institutions OR
FIL 343	Security Analysis and Portfolio Management OR
FIL 344	International Financial Management

General Insurance Option (may be taken by Business Administration, Finance, Management (all sequences) and Marketing majors).

FIL 250	Introduction to Risk and Insurance
FIL 350	Property Insurance
FIL 352	Liability Insurance

Either

FIL 351	Life and Health Insurance OR
FIL 353	Financial Planning

Human Resources Management Option (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Human Resource Management), and Marketing majors).

- a. MQM 323 - Human Resource Management
- b. MQM 352 - Recruitment & Selection
- c. MQM 355 - Employee Appraisal & Career Development
- d. MQM 356 - Foundations of Human Resource Development OR
MQM 357 - Program Design and Development in HRD

Organizational Leadership Option (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Organizational Leadership), and Marketing majors).

- a. MQM 221 - Organizational Behavior & Administration PLUS 3 FROM
- b. MQM 380 - Teams & Team Development
- c. MQM 381 - Project Supervision: Developing Managerial Skills
- d. MQM 382 - Organizational Leadership
- e. MQM 383 - Organizational Change & Diversity
- f. MQM 384 - Managerial Planning and Decision Making

Quality and Operations Management Option--service focus (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Quality and Operations Management), and Marketing majors).

- a. MQM 335 - Quality Management
- b. MQM 337 - Services Operations
- c. MQM 345 - Quality Standards & Implementation
- d. PLUS one of the following:
MKT 231 - Buyer Behavior
MQM 221 - Organizational Behavior and Administration
MQM 225 - Introduction to Small Business
MQM 226 - Small Business Entrepreneurship
MQM 340 - Seminar in Management

Quality/Operations Management Option--manufacturing focus (may be taken by Business Administration, Finance, Insurance, Management (all sequences except Quality and Operations Management), and Marketing majors)

- a. MQM 333 - Production/Inventory Control Management
- b. MQM 335 - Quality Management
- c. MQM 345 - Quality Standards & Implementation
- d. PLUS one of the following:
ACC 230 - Managerial Accounting
MKT 235 - Marketing Channels
MKT 329 - Purchasing Policies and Procedures

MQM 221 - Organizational Behavior and Administration
MQM 225 - Introduction to Small Business
MQM 340 - Seminar in Management

Human Resource Management-International interest (may be taken by only Management majors in the Human Resource Management sequence).

- a. MQM 349 - Business in a Multicultural Environment
- b. MQM 350 - International Management.
- c. PLUS two of the following:
MQM 340 - Seminar in Management
MQM 353 - Strategic Human Resource Planning and Management
MQM 355 - Employee Appraisal and Career Development
MQM 356 - Foundations of Human Resource Development
MQM 357 - Program Design and Development in Human Resource Development

Human Resource Management-Leadership interest (may be taken by only Management majors in the Human Resource Management sequence).

- a. MQM 383 - Organizational Change & Diversity
- b. MQM 384 - Managerial Planning & Decision Making OR
MQM 380 - Teams & Team Development
- c. PLUS two of the following:
MQM 340 - Seminar in Management
MQM 353 - Strategic Human Resource Planning and Management
MQM 355 - Employee Appraisal and Career Development
MQM 356 - Foundations of Human Resource Development
MQM 357 - Program Design and Development in Human Resource Development

Human Resource Management-Small Business interest (may be taken by only Management majors in the Human Resource Management sequence).

- a. MQM 225 - Introduction to Small Business
- b. MQM 226 - Small Business Entrepreneurship
- c. PLUS two of the following:
MQM 340 - Seminar in Management
MQM 353 - Strategic Human Resource Planning and Management
MQM 355 - Employee Appraisal and Career Development
MQM 356 - Foundations of Human Resource Development
MQM 357 - Program Design and Development in Human Resource Development

Human Resource Management-Economics/Labor interest (may be taken by only Management majors in the Human Resource Management sequence).

- a. ECO 225 - Labor Organizations & Labor Problems
- b. ECO 320 - Industrial Organization OR
ECO 326 - Economics of Human Resources OR
ECO 327 - Collective Bargaining & Industrial Relations
- c. PLUS two of the following:
MQM 340 - Seminar in Management
MQM 353 - Strategic Human Resource Planning and Management
MQM 355 - Employee Appraisal and Career Development

MQM 356 - Foundations of Human Resource Development
 MQM 357 - Program Design and Development in
 Human Resource Development

Personal Selling and Relationship Marketing-Career track
 emphasis on Insurance and Risk Management Sales and
 Marketing (may be taken by Business Administration,
 Finance, Management (all sequences) and Marketing
 majors).

MKT 234 Personal Selling and Relationship
 Marketing

Either

MKT 339.08 Advanced Personal Selling
 MKT 337 Business to Business Marketing
 MKT 334 Sales Management
 MKT 339.01 Forecasting

AND TWO OF:

FIL 250 Introduction to Risk and Insurance
 FIL 350 Property Insurance
 FIL 351 Life and Health Insurance
 FIL 352 Liability Insurance
 FIL 354 Risk Management

Personal Selling and Relationship Marketing-Career track
 emphasis on Pharmaceuticals and Chemical Sales and Mar-
 keting (may be taken by Business Administration, Finance,
 Management (all sequences) and Marketing majors).

MKT 234 Personal Selling and Relationship
 Marketing

Either

MKT 339.08 Advanced Personal Selling
 MKT 337 Business to Business Marketing
 MKT 334 Sales Management
 MKT 339.01 Forecasting

AND TWO OF:

HSC 105 Medical Terminology
 CHE 110/112 Fundamentals of Chemistry and
 Laboratory of CHE 140/141 (Gen-
 eral Chemistry and Gen Chemistry II)
 CHE 220 Elementary Organic Chemistry
 CHE 242 Basic Biochemistry
 BSC 197 Molecular and Cellular Basis for Life
 BSC 203 Cell Biology
 NUR 239 Pathophysiology and Pharmacothera-
 peutics in Nursing I
 NUR 339 Pathopharm II (will need Anatomy
 class in BSC) Minor option in Chemistry

Personal Selling and Relationship Marketing-Career track
 emphasis on Industrial Manufacturing Sales and Marketing
 (may be taken by Business Administration, Finance, Man-
 agement (all sequences) and Marketing majors).

MKT 234 Personal Selling and Relationship
 Marketing

Either

MKT 339.08 Advanced Personal Selling
 MKT 337 Business to Business Marketing
 MKT 329 Purchasing Policies and Procedures
 MKT 334 Sales Management
 MKT 339.01 Forecasting

AND TWO OF:

TEC 130 Introduction to Manufacturing Processes
 TEC 285 Industrial Plastics
 TEC 292 Materials Technology
 TEC 392 Industrial Production

Retail Management-Career track emphasis on Merchandise
 Buying/Management Marketing (may be taken by Business
 Administration, Finance, Management (all sequences) and
 Marketing majors).

MKT 335 Retailing Management and Promotion

Either

MKT 329 Purchasing Policies and Procedures
 MKT 234 Personal Selling and Relationship
 Marketing
 MKT 339.01 Marketing Logistics
 MKT 339.02 Sales Forecasting
 MKT 339.05 Services Marketing

AND TWO OF:

FCS 225 Textiles
 FCS 226 Apparel
 FCS 328 Economics of Fashion
 FCS 368 Fashion Promotion
 FCS 369 Fashion Merchandising
 FCS 371 Fashion Merchandising II (Food Indus-
 try Mgt sequence in Ag Business or
 Interior Design)

Retail Management-Career track emphasis on Marketing
 Research Issues (may be taken by Business Administration,
 Finance, Management (all sequences) and Marketing
 majors).

MKT 335 Retailing Management and Promotion

Either

MKT 232 Marketing Research
 MKT 339.02 Sales Forecasting
 MKT 339.05 Services Marketing
 MKT 339.06 Advanced Marketing Research

AND TWO OF:

GEO 150 Economic Geography (continued offering
 spotty at best)
 GEO 303 Geographic Information Systems
 GEO 304 Geographic Information Systems II
 GEO 308 Quantitative Methods
 SOC 106 Introduction to Sociology
 SOC 260 Social Stratification
 SOC 267 Population
 SOC 271 Introduction to Sociological Research
 SOC 275 Social Statistics

Integrated Marketing Communications-Career track emphasis on
 Marketing Communications Management (may be taken by
 Business Administration, Finance, Management (all
 sequences) and Marketing majors).

MKT 233 Advertising
 MKT 333 Integrated Marketing Communication
 (formerly Advertising Management)

AND TWO OF:

TEC 150 Fundamentals of Printing and Imaging
 Technologies
 PSY 131/SOC 131 Social Psychology

PSY 361	Perception
PSY 364	Motivation
PSY 365	Dynamics and Social Behavior
PSY 368	Human Memory
GEO 150	Economic Geography
COM 178	Introduction to Public Relations
COM 160	Introduction to Mass Communication
COM 321	Campaign Communication and Message Design
COM 340	Community Relations
COM 350	Public Opinion Issues
SOC 264	Minority Relations

Business Course:

BUS

100 ENTERPRISE 2 F, S
IDS 100; ENG 101, COM 110 ; or conc reg req.
May not be taken for cr if had BTE 100 or BEA 100.
 Theory and practice of private enterprise. Including purposes, structures, functional areas and related institutions.

ACCOUNTING (ACC) 552

435 Stevenson Hall, (309) 438-7651

Web address: <http://www.acc.ilstu.edu/>

Chairperson: James E. Moon.

Tenured/Tenure-track Faculty:

Professors: C. Craig, T. Craig, T. Duffy, Leinicke, Moon, Ostrosky, Patten, Razaki, Rexroad.

Associate Professors: McClure, McKean, Schambach, Sieg.

Assistant Professors: Ames, Crampton, W. Duffy, Lindberg, Love, Strong.

General Department Information

The mission of the Department of Accounting is to provide high-quality, student-centered educational programs for students preparing for professional careers in accounting and information systems; to support research and other scholarly activities consistent with these programs; and to perform service activities for the Department, the College of Business, the University, and other organizations consistent with these programs. In addition, our mission includes establishing relationships with outside organizations that support our programs, students, and faculty. Providing introductory and other courses in accounting and information systems to non-major students, as a service to other departments within the College and University, is also fundamental to our mission.

The goals of the Department of Accounting are as follows:

1. Our first priority is to develop student potential through high quality pedagogy and educational experiences.
2. Our second priority is to perform applied, basic, and

instructional research that complements our educational programs.

3. Our third priority is to participate in internal and external service activities which complement our educational programs and research activities, and build partnerships with key constituencies.

The curriculum is designed to provide students with the common body of knowledge established by the accounting profession for those entering the profession.

Four sequences of study are offered: the Accounting Information Systems Sequence, Business Information Systems Sequence, Career Specialty Sequence, and the Financial Accounting Sequence. Each sequence is intended to provide its graduates with the necessary foundation for a successful career, including the ability to pass professional examinations.

Students should select a sequence based upon their interests and career goals. Department advisors and faculty members are available to counsel students as they make this decision.

All Accounting majors must complete at least 60 hours of nonbusiness courses; up to 9 hours of economics and up to 6 hours of statistics courses (including MQM 100) may be counted as nonbusiness courses.

Courses completed in the Department of Accounting at this University with grades below C will not count toward the graduation requirements of either the Accounting Major or Minor, but all grades of D, F, and WF in Accounting courses at this University will be included in computing the cumulative GPA.

Admission Requirements:

All majors in the Department of Accounting must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specific number of hours, to enroll in courses in the Department. Certain courses are restricted to Accounting majors only.

Admission to the Department of Accounting is on a competitive basis with preference given to students who have demonstrated an ability to complete successfully the degree requirements. Enrollments in the Department are managed to help assure a high quality educational experience for qualified Accounting majors.

The Department of Accounting reserves the right to maintain a balanced student enrollment.

Students considering Graduate School should make application to the Master of Science in Accounting Degree program early in their senior year. Students who previously have completed a baccalaureate degree outside of Accounting should consider making application directly into the Master of Science in Accounting program.

Accounting Programs

MAJOR IN ACCOUNTING

Degree Offered: B.S.

After completing the 100-level Business Core courses, the Accounting major must complete ACC 230 and 231 with a minimum of a C in each and a 2.5 GPA in these two courses. Prerequisites for ACC 230 and 231 require a minimum 2.5 GPA in ACC 131 and 132.

In addition, an Accounting major must complete requirements under one of the following sequences: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. Descriptions of each sequence follow.

Accounting Information Systems Sequence:

This sequence is designed to provide entry-level accountants with information systems and technology skills and competencies as recommended by the International Federation of Accountants (IFAC). This sequence would prepare accountants to be a user of information technology and an evaluator of information systems (e.g., internal or external auditor).

- Students selecting the Accounting Information Systems (AIS) Sequence must complete the following 73 required hours: BUS 100, ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 363, 370; ECO 105; ENG 145.13; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics; up to six hours of statistics courses (including MQM 100); and ENG 145.13 may be counted as non-business courses.

Business Information Systems Accounting Sequence:

This sequence is designed to prepare students for entry level accounting positions requiring significant training in Business Information Systems. This preparation is particularly valuable in accounting consulting positions, certain auditing positions, and in many progressive industrial positions.

- Students selecting the Business Information Systems Accounting Sequence must complete the following 73 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 261, 263, 270, (266 and 366) or (260 and 368), 362; ECO 105; ENG 145.13; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics; up to six hours of statistics courses (including MQM 100); and ENG 145.13 may be counted as non-business courses.

Career Specialty Sequence:

This sequence allows Accounting majors to design a plan of study that meets their career goals. Students may elect up to 12 hours in another specialized area with advice and approval of academic advisors and Department Chair.

- Students selecting the Career Specialty Sequence must complete the following 61 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 208, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 12 hours of career electives, most hours should consist of upper-division courses in a specialized area of study, typically in business, economics, or areas of information technology offered by Accounting (or, if not offered by Accounting, by other departments). A student's plan of specialized study for the Career Specialty Sequence must be:
 - a) developed in the semester following successful completion of ACC 230 and ACC 231;
 - b) must be approved by the Department Chair;
 - c) cannot include more than 6 hours of Accounting electives; and
 - d) will not include courses already completed before approval of the plan of study.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics; up to six hours of statistics courses (including MQM 100); and ENG 145.13 may be counted as non-business courses.

Financial Accounting Sequence:

This sequence is designed to meet the minimum formal accounting-content requirements for a student to sit for the Certified Public Accountant (CPA) examination. Students in this sequence may also prepare to sit for the Certified Management Accountant (CMA) examination and/or the Certified Internal Auditor (CIA) examination.

- Students selecting the Financial Accounting Sequence must complete the following 70 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 208, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385; and six hours from the following list of upper-division (200- or 300-level) Accounting electives: ACC 298, 330, 332, 334, 336, 337, 340, 363, 375, 398.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 120 minimum hours required for graduation, 60 must be taken in nonbusiness courses; up to nine hours of economics; up to six hours of statistics courses (including MQM 100); and ENG 145.13 may be counted as non-business courses.

Integrated Bachelor of Science (B.S.) Master of Professional Accountancy (M.P.A.):

Degrees offered: B.S., M.P.A.

The Integrated B.S./M.P.A. Degrees program is primarily oriented toward preparation for careers in professional

accountancy. This program is designed to meet the formal requirements for a student to sit for the Certified Public Accountant (CPA) examination. The B.S./M.P.A. program is strongly recommended for students interested in a plan of study designed to integrate accounting, technology, information systems, and eligibility for the CPA examination. The 150-hour B.S./M.P.A. program generally includes 39 hours of graduate course work. Successful completion of the integrated program will culminate by granting simultaneously both B.S. and M.P.A. degrees. The B.S./M.P.A. integrated program is designed for students wishing to complete both degrees at Illinois State University. The program is not designed to admit students who have already completed a bachelor's degree.

Students must successfully apply for continuance in the B.S./M.P.A. program in their junior year (after 60 semester hours). Graduate admission would take place after the student has completed approximately 90 hours. Admission timing is very important to successfully complete this program so students should regularly consult with their Accounting undergraduate or graduate advisor.

Students selecting the Integrated B.S./M.P.A. Degrees program must complete BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 368, 430, 468, 472, 482, 497; ECO 105; ENG 145.13; FIL 208, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.

Also required are 9 hours of Accounting electives, 6 hours chosen from ACC 431, 434, 435, 439, or 498, and 3 additional hours chosen from ACC 330, 332, 334, 336, 337, 340, 431, 434, 435, 439, or 498; in addition students would select 6 additional hours of Accounting or business electives.

NOTE: Students who wish to enhance their chances of success on the CPA examination should include in their plan of study the following advanced accounting courses: ACC 330, 334, 336, 337.

Requirement For CPA Exam:

Academic requirements to sit for the CPA examination in Illinois include (1) 150 semester hours of college course work and (2) a bachelor's degree in Accounting (or equivalent). Illinois law does not specify the content of course work beyond the Accounting baccalaureate degree, which Illinois State presently offers as a 120-hour B.S. program.

Students planning to sit for the CPA examination are advised to complete, at a minimum, the Financial Accounting Sequence of the Accounting B.S. program. Students should also give serious consideration to completing one or more of the following formal programs of study before leaving the Illinois State campus to begin their professional careers: The Bachelor of Science/Master of Professional Accountancy Program described above, a Master of Science degree in Accounting, a Master of Business Administration degree, or one of the other sequences of the Accounting B.S. (the Accounting Information Systems Sequence, the Business Information Systems Sequence, or the Career Speciality Sequence). Each sequence is 12 hours beyond the Financial Accounting Sequence. Additional information concerning the 150-hour requirement, including recommended areas of

course work for students not pursuing an B.S./M.P.A., M.S., or M.B.A. degree, is available from the academic advisors.

MINOR IN ACCOUNTING

- 21 hours in Accounting required.
- Required courses: ACC 131, 132, 231, 232.
- 9 elective hours in Accounting courses approved by a departmental advisor.
- These courses must be completed with a grade of C or better. A 2.5 grade point average is required in ACC 131 and ACC 132 to continue with the Accounting minor.

Repetition of Courses in Accounting:

A student can register officially for an Accounting course only twice. That is, if a student completes a course, or drops a course after the official tenth day enrollment report, he or she may enroll officially in the same Accounting course only one additional time.

Accounting Courses

131 FINANCIAL ACCOUNTING 3 F,S

Formerly ELEMENTARY ACCOUNTING I.

Introduction to financial accounting. Examines the nature of accounting, basic accounting concepts, financial statements, accrual basis of accounting, the accounting cycle, monetary assets, inventories, fixed assets, current and noncurrent liabilities, and owner's equity.

132 MANAGERIAL ACCOUNTING 3 F,S

ACC 131 req. Formerly ELEMENTARY ACCOUNTING II.

Introduction to managerial accounting. Examines the nature of cost-volume-profit analysis and product costing; investigates budgets and standard costs in planning, control and performance measurements; and employs relevant costs and present value techniques in decision making.

166 BUSINESS INFORMATION SYSTEMS 3 F,S

Business maj or Health Information Management maj. Materials charge optional.

Introduction to Business Information Systems concepts and microcomputer software tools designed to improve management productivity.

167 ELECTRONIC SPREADSHEET USAGE 1 F,S

Does not count towards graduation. Lecture and lab.

Introduces the electronic spreadsheet for use as a tool to improve management productivity.

168 INTERNET AND PRESENTATION TOOLS 1 F,S

Does not count towards graduation. Lecture and lab.

Introduces intermediate Web browsing and E-mail techniques, skills on using a Web page editor, and using a presentation software package like PowerPoint.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL 3 F,S

MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as BTE 225.

Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training.

230 COST AND MANAGEMENT

ACCOUNTING 3 F,S
ACC 132 and MAT 121 req; min of 2.5 GPA in ACC 131 and 132 req; B or higher in ACC 131 and 132 rec. Formerly MANAGERIAL ACCOUNTING.

Study of managerial accounting concepts in planning, control and decision making. Emphasis on product costing methods, cost drivers, cost-volume-profit analysis, budgets, standard costs, just-in-time implications, relevant costs and capital budgeting decisions.

231 INTERMEDIATE ACCOUNTING I 3 F,S
ACC 132 req; min of 2.5 GPA in ACC 131 and 132 req; B or higher in ACC 131 and 132 strongly rec.

The study of financial accounting theory and practice relating to monetary assets, inventories, plant assets, intangible assets, current liabilities, contingencies, and stockholders' equity. Present value applications, and preparation of financial statements are examined. The following topics are also overviewed: the environment of financial accounting, the development of accounting standards, and the conceptual framework underlying financial accounting.

232 INTERMEDIATE ACCOUNTING II 3 F,S
C or higher in ACC 231 req.

The study of financial accounting theory and practice relating to the following topics: long-term liabilities, dilutive securities, earnings per share, investments, revenue recognition, accounting for income taxes, pension costs, leases, accounting changes, errors, and the preparation of cash flow statements.

233 FEDERAL INCOME TAXATION 3 F,S
ACC 131 with grade of C or better or cons dept chair req.

Study of the basic concepts of federal income taxation as they apply to individuals, partnerships, and corporations.

235 AUDITING 3 F,S
ACC maj only; C or higher in ACC 231 req.

The CPA profession, including professional ethics and legal liability; professional auditing standards; evidence; internal control; audit programs and procedures; audit reporting; introduction to operational auditing.

260 COMPUTER PROGRAMMING FOR BUSINESS 3 S
MS Office competency or ACC 167 and 168 or equiv req. Formerly ACC 160.

An introduction to the design and development of computer programs for business application. Emphasis is placed on learning program structure and syntax of a business computer language. Developing applications with a Graphical User Interface (GUI) will be introduced.

261 BUSINESS SYSTEMS ANALYSIS 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; ACC 132 with grade of C or better req.

An introduction to the analysis and design of modern information systems. Systems Development Life Cycle (SDLC) and structured methodologies are emphasized.

263 ACCOUNTING INFORMATION SYSTEMS 3 F,S
ACC maj only. MS Office competency or ACC 167 and 168 or equiv req. ACC 132 with grade of C or better req. Materials charge optional.

An overview of computerized accounting information system analysis, design, and implementation. This includes the characteristics of internal control in a computerized information processing environment. Covers selected advanced electronic spreadsheet concepts.

266 COBOL 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; Not for cr if had ACS 272.

The study of using the COBOL programming language for the purpose of solving business information requests. Emphasizes structured programming concepts, file processing, report creation, data validation and table handling.

270 INFORMATION SYSTEMS IN ORGANIZATIONS 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; ACC 132; ECO 105 (or ECO 101 and ECO 102); MQM 100; MAT 120 req; ACC 132 or conc req req.

Project-oriented course covering concepts of business information systems and integration of business information systems with functional areas of organizations.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN ACCOUNTING 1-6 F,S
Jr standing req. See internship Director for info and cons.

330 ACCOUNTING FOR NON-PROFIT ENTITIES 3 F,S
ACC maj only; C or higher in ACC 231 req.

Examination of accounting and financial reporting principles for nonprofit entities including state and local governmental units, colleges, hospitals, and other nonprofit organizations.

332 ADVANCED MANAGERIAL ACCOUNTING 3 F
ACC maj only; C or higher in ACC 230 req.

A study of advanced decision models for managerial planning and control. Topics covered include cost behavior and regression analysis, transfer pricing, operations research techniques, accounting systems and internal control. Behavioral and ethical concepts in management accounting are examined.

334 ADVANCED TAX 3 F,S
ACC 233 or cons dept chair req.

Study of concepts and issues associated with corporate, partnership, estate and gift taxation. Overview of tax research techniques also provided.

336 ADVANCED AUDITING 3 F,S
ACC maj only; ACC 235 req.

In-depth analysis of selected advanced topics in auditing, including professional auditing standards, planning, evidence, internal control, statistical sampling, EDP auditing, reporting, integrative audit case, operational auditing.

337 ADVANCED FINANCIAL**ACCOUNTING 3 F,S***ACC maj only; ACC 232 req.*

Specific emphasis on business combinations and consolidated financial statements. Other topics include partnership accounting, international operations, branch accounting, segment reporting and interim statements.

340 INTERNATIONAL ACCOUNTING 3 S*ACC 132 with grade of C or better req.*

Examines (1) similarities and differences of accounting principles and procedures between the United States and other countries and efforts at standardizing accounting internationally, and (2) accounting for multinational entities, including consolidation of foreign subsidiaries, evaluation of investment projects, and performance evaluation of foreign operations.

357 ADMINISTRATIVE INFORMATION SYSTEM INTEGRATION 3 S*ACC 261 or BTE 354 req. Formerly BEA 357.*

Synthesis, application, evaluation, and administration of administrative information systems and contemporary issues.

362 ADVANCED BUSINESS SYSTEMS ANALYSIS 3 S*ACC 261; ACC 366 or 368 req.*

The analysis, design, development, and implementation of a complete business information system. Directed project approach with formal presentations at the conclusion of each project phase.

363 ADVANCED ACCOUNTING INFORMATION SYSTEMS 3 F,S*ACC 260 with a grade of C or better and 263 req.*

A study of advanced systems concepts as they relate to the profession of accounting. Selected advanced topics may include computer assisted auditing techniques, the application of database technology as an alternative to the traditional method of accounting, the design and evaluation of internal controls in a computer-based accounting system.

366 ADVANCED BUSINESS DATA PROCESSING 3 F*ACC 266 with a grade of C or better or ACS 272 req. Not for cr if had ACS 372.*

Advanced study in the development of computer programs and processing techniques required for business information systems. Systems of programs are developed for both main-frame and microcomputer applications.

368 DEVELOPING BUSINESS FUNCTION-BASED SYSTEMS 3 F,S*ACC 260 and 261 req. Not for cr if had ACS 306.*

Advanced study in the development of computer programs for business work-group and individual employee information systems. Students will design and develop a comprehensive application appropriate for a functional area of business using the approaches and tools of a consultant.

370 MANAGEMENT INFORMATION SYSTEMS 3 S*MS Office competency or ACC 167 and 168 or equiv req; MQM 220; MKT 230 and FIL 240 req; ACC 261 or equiv strongly rec. Formerly MQM 370.*

Management Information systems with emphasis on the responsibilities of management in the creation, control, and utilization of information systems which support managerial decision making.

375 PROFESSIONAL PROBLEMS 3 S*2.8 overall GPA; 24 hrs of ACC req; ACC 330, 334, 336, 337, or cons dept chair req. Conc reg allowed for only 2 of ACC 330, 334, or 336. Conc reg in FIL 375 rec.*

An intensive study of contemporary accounting problems with a strong orientation toward the preparation for the CPA and CMA examinations.

382 CURRENT ISSUES IN BUSINESS INFORMATION SYSTEMS CONSULTING 3 S*ACC 362, 366 or 368 req.*

This capstone course will integrate business information systems concepts necessary for successful business consulting. Management issues relating to the consulting practice will be stressed. Significant use of oral and written reports.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ACCOUNTING 1-6 F,S*Sr standing; 2.8 GPA in ACC courses req; 2.8 overall GPA and cons Internship Director req.*

On-the-job professional accounting or BIS experience with a sponsoring commercial firm or government organization.

FINANCE, INSURANCE AND LAW (FIL) 548**328 Williams Hall, (309) 438-8777****Web address: www.cobilstu.edu/fil****Chairperson:** Charles McGuire.**Tenured/Tenure-track Faculty:***Professors:* Chang, Flanigan, Gilbert, Kang, Loy, McGuire, Mills, Naidu, Norton, Scott, Solberg, Trefzger, Varner.*Associate Professors:* Howe.*Assistant Professors:* Bouriaux, Joaquin, Ma, Peebles, Russell.**General Department Information**

The Finance Major provides a knowledge base and skills appropriate for a wide variety of functional and managerial activities that require financial expertise. The financial world touches most organizations, profit or nonprofit, which have activities involving banking, insurance, real estate, investments, managerial finance, budgeting, and international finance.

The Insurance Major provides skills and knowledge appropriate to a wide range of activities in the insurance and the financial services industries. Study of insurance and the

financial service industries leads to careers in insurance companies, insurance agencies, financial services firms, reinsurers, regulation and a wide variety of firms allied with the industry. Careers in insurance include personal and business financial planning, underwriting, sales, sales management, employee benefits specialist, and insurer corporate operations and management. The Insurance Major-Business Information Systems (BIS) Sequence is particularly appropriate for students preparing for careers in computing within the insurance industry. Students must take 60 hours of instruction outside of the College of Business.

Academic Requirements:

All majors in the Department of Finance, Insurance and Law must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Finance Program

Degree Offered: B.S.

MAJOR IN FINANCE

General Finance Sequence:

- 61 required hours including:
- Required courses (55 hours): BUS 100; ACC 131, 132, 270; FIL 208, 218, 240, 242, 341, 349; MKT 230; MQM 100, 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.
- Elective courses (6 hrs): 6 hours selected from FIL 246, 250, 260, 318, 340, 343, 344, 347, 350, 357, 360, 370, 381, 398, 398.10; ECO 239; or appropriate courses approved by the Departmental advisor. NOTE: Students majoring or minoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.
- Students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair.
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.
- NOTE: Advising concentrations have been established to direct studies toward career specializations for Finance majors. Students are strongly urged to contact the departmental advisor for details.

MAJOR IN INSURANCE

General Insurance Sequence:

- 61 required hours including:
- Required courses (55 hrs): BUS 100; ACC 131, 132,

270; FIL 208, 240, 250, 350 or 352, 351 or 353, 354; MKT 230; MQM 100, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.

- 6 hours of electives chosen from: FIL 242, 350, 351, 352, 353, 382, 398.10 or appropriate courses approved by the Departmental advisor. NOTE: Students majoring and minoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.
- Students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair.
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.

Insurance-Business Information Systems (BIS) Sequence:

- 73 required hours, including:
- Required courses (67 hours) including: BUS 100; ACC 131, 132, 261, 270, 362, (266 and 366) or (260 and 368); FIL 208, 240, 250, 350 or 352, 351 or 353, 354; MKT 230; MQM 100, 220, 227, 385. In addition, ECO 105, ENG 145.13, and MAT 121 or 145 must be completed.
- 6 hours of electives chosen from FIL 242, 350, 351, 352, 353, 382, 398.10 or appropriate courses approved by the department advisor.
- NOTE: Students majoring in both Finance and Insurance may not use required Insurance courses as electives in Finance.

MINOR IN INSURANCE

- 18 hours required in FIL courses.
- Required courses: FIL 208, 218 or 240, 250, 350 or 352, 351 or 353, 354.
- NOTE: FIL 398.10 is strongly recommended in addition to required courses.
- NOTE: Non-Business majors are restricted to no more than 24 hours of business instruction.

Finance, Insurance and Law Courses

198.01 PROFESSIONAL PRACTICE: FINANCE/INSURANCE INTERNSHIP

1-6 F,S

Cons dept chair req.

On-the-job experience in finance or insurance arranged through the Department coordinator and completed under the supervision of a finance or insurance professional.

208 LEGAL ENVIRONMENT OF**BUSINESS 3 F,S***Jr standing req. ECO 105 or (101 and 102) or 103 req.*

The legal environment as it pertains to profit and nonprofit organizations, with ethical considerations and social and political influences as they affect such organizations.

209 BUSINESS LAW I 3 F,S*FIL 208 with a grade of C or better req.*

The law of contracts, agency, partnerships, and corporations.

211 BUSINESS LAW II 3 F,S*FIL 208 and 209 with a grade of C or better req.*

The law of property, sales, secured transactions, commercial paper, trusts, wills, insurance, and bankruptcy.

218 FINANCIAL MARKETS 3 F,S*ECO 102 or 105 req. Bus maj only.*

Participants, structure and functions of the major domestic and international financial markets.

240 BUSINESS FINANCE 3 F,S*MS Office competency or ACC 167 and 168 or equiv req.**MQM 100 (or ECO/GEO/POL/PSY 138); ACC 132 req;**ECO 105 (or 101 and 102); MAT 120 req.*

Principles and problems of planning and managing assets of business. Formulation, acquisition and utilization of funds and capital structure examined.

242 INVESTMENTS 3 F,S*FIL 240 with a grade of C or better req. Bus maj only.*

A survey of investment media, concepts, and techniques to provide an understanding of the investment process in the economic and financial environment.

246 CORPORATE FINANCIAL STATEMENT**ANALYSIS 3 F***FIL 240 with a grade of C or better req. Bus maj only.*

Financial statement analysis and interpretation from the managers', investors', and creditors' perspectives. Proforma statements, heavy emphasis on spreadsheet use.

**250 INTRODUCTION TO RISK
AND INSURANCE****3 F,S***Jr standing req.*

Fundamental issues of risk management and insurance in property, liability, life and health areas. Principles of marketing, underwriting, rate making and loss adjusting.

260 REAL ESTATE PRINCIPLES 3 F,S*Jr standing req. Bus maj only.*

Principles of real estate, including legal aspects of real estate, appraisal, investment, mortgage financing, homeownership, and brokerage industry functions.

298 PROFESSIONAL PRACTICE:**FINANCE INTERNSHIP/****COOPERATIVE EDUCATION 1-6 F,S***Jr standing and cons dept chair req.*

Directed projects or experience related to the student's career interests in finance, arranged through the department coordinator and completed under the supervision of a business professional.

298.10 PROFESSIONAL PRACTICE:**INSURANCE INTERNSHIP/****COOPERATIVE EDUCATION 1-6 F,S***Jr standing and cons dept chair req.*

On-the-job experience in insurance arranged through the Department coordinator and completed under the supervision of an insurance professional.

311 GOVERNMENT REGULATION**OF BUSINESS 3 F,S***FIL 208 with a grade of C or better req. Bus maj only.*

Analysis of governmental legal and regulatory activity as it applies to business.

312 INTERNATIONAL BUSINESS LAW 3 F,S*FIL 208 with a grade of C or better req. Bus maj only.*

Case study in international business law. Jurisdiction and application of foreign law, international regulation of economic activities, and issues of comparative law.

313 LABOR LAW 3 F,S*FIL 208 with a grade of C or better req. Bus maj only.*

Laws regarding the labor-management relationship, the NLRA, Employment Discrimination, Unemployment Compensation, Social Security, Workers' Compensation and other regulations of employment.

318 MANAGEMENT OF FINANCIAL**INSTITUTIONS 3 F,S***FIL 240 and 218 req with a grade of C or better. Bus maj only.*

Financial institutions as business firms, with emphasis on depository institutions: industry structure, regulation, asset and liability management strategies.

340 SHORT-TERM FINANCIAL**MANAGEMENT 3 F,S***FIL 240 with a grade of C or better req; FIL 218 or conc reg req. Bus maj only.*

Analysis of working capital management; cash budgeting; financial analysis and planning; short-term financing decisions.

341 INTERMEDIATE**BUSINESS FINANCE 3 F,S***FIL 240 with a grade of C or better req; FIL 218 or conc reg req. Bus maj only.*

Theory and practice of capital management. Topics include evaluation of risks, determination of capital structures, measures of costs and returns, allocation of capital, financial planning and models, and a survey of working capital issues.

343 SECURITY ANALYSIS AND**PORTFOLIO MANAGEMENT 3 F,S***FIL 242 with a grade of C or better req. Bus maj only.*

Characteristics of financial assets and markets; evaluation of securities; selecting and combining securities into portfolios; portfolio models and measurement of portfolio performance.

344 INTERNATIONAL FINANCIAL**MANAGEMENT 3 F,S***FIL 240 with a grade of C or better req. Bus maj only.*

Financial management of multinational corporations, including balance of payments, foreign exchange markets and international money and capital markets.

347 FINANCIAL FUTURES, OPTIONS AND SWAPS 3 F or S
FIL 242 with a grade of C or better or cons dept chair req. Bus maj only.

Evaluate financial futures, options and swap instruments and market characteristics; analyze pricing models, hedging and trading strategies, portfolio insurance; trading techniques.

349 ADVANCED FINANCIAL THEORY AND PROBLEMS 3 F,S
FIL 341 with a grade of C or better and additional 6 hrs Finance req. Finance maj only. Not for grad cr for MBA students.

An advanced coverage of financial theory and its applications to cases and problems; modeling and simulation.

350 PROPERTY INSURANCE 3 F
FIL 250 with a grade of C or better req.

Identify and measure property direct and indirect loss exposures and insurance coverages used to transfer such exposures.

351 LIFE AND HEALTH INSURANCE 3 F,S
FIL 250 with a grade of C or better req.

Personal and business risks. Principles of life and health insurance and their applications.

352 LIABILITY INSURANCE 3 S
FIL 250 with a grade of C or better req.

Identify and measure liability loss exposures and insurance coverages used to transfer such exposures, including concepts of negligence and liability.

353 FINANCIAL PLANNING 3 F,S
FIL 208, 240 and 250 with a grade of C or better req.

Principles and concepts of integrated financial planning, including legal, tax and financial aspects, business planning, retirement planning, estate planning and the use of information technology.

354 RISK MANAGEMENT 3 S
FIL 351, and 350 or 352 with a grade of C or better req.

Management's role in treating non-speculative risks to which business is exposed. Emphasis on recognition, evaluation, and treatment of risks.

357 REAL ESTATE APPRAISAL 3 F
FIL 260 with a grade of C or better req. Bus maj only.

Recent and traditional appraisal techniques. Theory and methodology of market value determination for residential and commercial real estate.

360 REAL ESTATE INVESTMENT AND FINANCE 3 S
FIL 260 with a grade of C or better req. Bus maj only.

Decision-making analysis in real estate investment and financing. Emphasis on financial leverage, cash-flow analysis, taxation, risk, mortgages.

370 EDUCATIONAL INVESTMENT FUND 4 F,S
FIL 242 and cons dept chair req.

Management of real-money investment funds. Application of investment theory to an actual portfolio, including development and presentation of recommendations to board of investment professionals.

375 LAW FOR ACCOUNTANTS 3 S
24 hrs of ACC including ACC 337 or conc reg; FIL 208 with a grade of C or better req.

Accountants' legal responsibilities, anti-trust, bankruptcy, federal securities regulation, insurance, regulation of employer and employee relationships, secured transactions, suretyship, and other topics for the professional accountant.

380 SEMINAR IN THE LEGAL ENVIRONMENT OF BUSINESS 3 F,S
Cons dept chair req. May be repeated with cons dept chair.

Selected topics in law and its relationship to business. Topics may include new developments in public and private law as it relates to business persons.

381 SEMINAR IN FINANCE 1-4 F,S
Cons dept chair req. May be repeated with cons dept chair.

Selected topics in finance. Topics may include new developments in the field as they relate to business people and industry.

398 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP 1-12 F,S
Sr standing; 3.0 overall GPA or cons dept chair req. Usually no more than 3 hrs cr awarded for 1-sem work assignment.

Directed projects or administrative experience related to the student's career interests, arranged through the department coordinator and completed under the supervision of a business professional.

398.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP 1-12 F,S
FIL 250 req; 3.0 overall GPA or cons dept chair. On-the-job experience in insurance arranged through the department coordinator and completed under the supervision of an insurance professional.

MANAGEMENT AND QUANTITATIVE METHODS (MQM) 558

329 Williams Hall, (309) 438-5701

Web address: www.cob.ilstu.edu/mqm/

Chairperson: John Lust.

Tenured/Tenure-track Faculty:

Professors: Devinatz, Dumler, Fazel-Sarjui, Graeff, Graf, Hemmasi, Lust, Newgren, Nielsen, Palmer, Radhakrishnan, Robinson, Varner, Winchell.

Associate Professors: Fitzgibbons, Howard, Mohammed, Ringer, Salegna.

Assistant Professors: Balasubramaniam, Bantham, Choudhury, Downes, Russ.

General Department Information

The Management Major offers programs to students interested in professional management careers in business,

industry, or government. Four sequences allow students to concentrate on skills needed by general managers (Organizational Leadership), specialists in personnel and human resources (Human Resource Management), specialists in quality, operations, or production (Quality and Operations Management), or by those interested in careers in or starting their own small business (Entrepreneurship and Small Business Management).

Academic Requirements:

All majors in the Department of Management and Quantitative Methods must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including a specified number of hours, to enroll in courses in the Department.

Management and Quantitative Methods Programs

Degree Offered: B.S.

MAJOR IN MANAGEMENT

- 61 required hours including 43 hours in required core and non-business courses and 18 hours in a required MQM major sequence.
- The 43 hours of required core and non-business courses include the following: BUS 100, ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- At least 24 of the required hours at the 200- and 300-level must be taken in residence at Illinois State University.
- The senior year's work must be taken in residence at Illinois State.
- At least 60 hours of the total 120 hours offered for graduation should be in courses other than business. Up to 9 hours of economics and up to 6 hours of statistics courses may be counted as non-business courses.
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair.
- A student must complete the flexible core requirement with no more than 6 credit hours from the student's primary area of study.

One of the following major sequences must be completed.

Entrepreneurship and Small Business Management Sequence:

- 43 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM

100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.

- Required sequence courses (12 hrs): MQM 221, 225, 226, 326.
- Elective sequence courses (6 hrs): INB 190; MQM 287, 323, 335, 340, 398.
- Flexible core requirement.

Human Resource Management Sequence:

- 43 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 323, 324, 352, 354.
- 3 additional hours selected from MQM 300, 340, 350 or INB 245; MQM 353, 355, 356, 357, 381, 383, 398.01, or related course with consent of Department Chairperson. Example of related 3-hour courses include: ECO 225, 326, 327; FIL 313; PSY 375 and SOC 255.
- Flexible core requirement.

Organizational Leadership Sequence:

- 43 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 380, 382, 383, 384.
- 3 hours selected from: MQM 215 or 300, 225, 287, 323, 335, 340, 381, 398, 350 or INB 245.
- Flexible core requirement.

Quality and Operations Management Sequence:

- 43 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 333, 335, 337, 345.
- 3 hours selected from: MQM 215, 287, 300, 326, 380, 383, 398; ACC 230; TEC 312; MKT 329, 339.01.
- Flexible core requirement.

Business Administration Programs

Degree Offered: B.S.

MAJOR IN BUSINESS ADMINISTRATION

- 61 required hours including 43 hours in required core and non-business courses and 18 hours of major course work.
- The 43 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- In addition to business core courses, the Business Administration major must select 18 hours of major course work from the options below:
 - 15 hours selected from
 - a) FIL 209 or 311 or MQM 341;

- b) FIL 242 or 250 or 260;
- c) MKT 231 or 232 or 234;
- d) MQM 225 or 323 or 335;
- e) ACC 230 or 370;
- f) ACC 340 or MQM 349 or FIL 312 or FIL 344 or MKT 238 or MQM 350.
- An additional 3 hours are to be selected from courses offered in the College of Business or in other colleges with prior approval.
- At least 9 of the 18 hours must be taken at the 300-level.
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of the major department chair.

Business Administration Business Information Systems Sequence:

- 73 required hours including 43 hours in required core and non-business courses; 18 hours of major course work; 12 hours of BIS sequence course work.
 - The 43 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
 - In addition to business core courses, the Business Administration-Business Information Systems sequence major must select 18 hours of major course work from the options below:
 - 15 hours selected from
 - a) FIL 209 or 311 or MQM 341;
 - b) FIL 242 or 250 or 260;
 - c) MKT 231 or 232 or 234;
 - d) MQM 225 or 323 or 335;
 - e) ACC 230 or 370;
 - f) ACC 340 or MQM 349 or FIL 312 or FIL 344 or MKT 238 or MQM 350.
 - An additional 3 hours are to be selected from courses offered in the College of Business or in other colleges with prior approval.
 - At least 3 of the above 18 hours must be taken at the 300-level.
 - Required Business Information Systems sequence (12 credits) courses: ACC 261, 362 and (266 and 366) or (260 and 368).
- NOTE:** The Business Information Systems sequence fulfills the College of Business' flexible core requirement for students choosing the Business Administration-Business Information Systems sequence as a major.

MINOR IN BUSINESS ADMINISTRATION

- Required courses: MAT 120 or 144 (MAT 104 competence req); ACC 131, 132; ECO 105; FIL 208, 240; MKT 230; MQM 100 (or ECO/GEO/POL/PSY 138); MQM 220.

— **NOTE:** The Business Administration minors are required to show proficiency in the usage of electronic spreadsheets (MS Office Excel), presentation software, and web page construction by coursework (ACC 167 and ACC 168; ACC 166; or equivalent) or by passing the College-administered competency exams in these areas.

— **NOTE:** The Business Administration Minor is not available to majors in the College of Business.

Management and Quantitative Methods Courses

100 STATISTICAL REASONING

MC-QR

3 F,S,Summer

IDS 100; MAT 111, 120, or 145 req. Not for cr if had ECO 131, ECO/GEO/POL/PSY 138. May not be taken under the CT/NC option. Formerly BUSINESS AND ECONOMIC STATISTICS.

Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications.

140 INTRODUCTION TO BUSINESS

COMMUNICATION

3 F,S

ENG 101 or equiv req. Materials charge optional.

Formerly BEA 140, BUSINESS COMMUNICATIONS.

Communications practices in business. Communication skills will be improved through solution of practical business writing problems.

215 INTRODUCTION TO MANAGEMENT

SCIENCE MODELS

3 F,S

MQM 100 or ECO/GEO/POL/PSY 138; MAT 121 or 145 req. Not for cr if had MQM 301 prior to spring 1979.

Provides a basic understanding of the formulation and application of quantitative models in managerial decision-making. General topics include: linear programming, dynamic programming, networks, and simulation.

220 BUSINESS ORGANIZATION

AND MANAGEMENT

3 F,S,Summer

ECO 101 or 103 or 105; Jr standing req.

Organization theories and the role of managers as leaders. Planning and control systems, decision-making, and human considerations.

221 ORGANIZATIONAL BEHAVIOR

AND ADMINISTRATION

3 F,S

MQM 220 with a grade of C or better req. Not for cr if had PSY 376.

Organization analysis focusing on motivation, perception, communication, coordination, and change. Administrative problems examined by theories of individual and group behavior.

225 INTRODUCTION TO

SMALL BUSINESS

3 F,S

MQM 220 with a grade of C or better req.

A study of small businesses and owner-management. Includes strategic and operational planning, ethical issues, organizational controls, marketing management and techniques, financial analysis and accounting, risk management, securing growth capital, and human resource management.

226 SMALL BUSINESS

ENTREPRENEURSHIP 3 F,S
MQM 220 with a grade of C or better req. Formerly ENTREPRENEURSHIP.

How to start a business, with emphasis on the assessment of business opportunities and on the development of operating plans. A sophisticated business plan is developed within task groups from concept through all elements of a professionally written business plan.

227 OPERATIONS MANAGEMENT 3 F,S, Summer
MS Office competency or ACC 167 and 168 or equiv req. ACC 132; ECO 105 (or ECO 101 and 102); MAT 120; MQM 100 (or ECO/GEO/POL/PSY 138) req. Formerly PRODUCTION MANAGEMENT.

Issues related to managing the processes by which organizations transform resources into quality goods and services. Topics include operations strategy, project management, quality management, and inventory management.

240 ADVANCED BUSINESS

COMMUNICATION 3 F,S
ENG 101 or equiv req. Not for cr if had BEA 240; Formerly BEA 240, REPORT WRITING FOR BUSINESS.

Report writing techniques; use, form, and structure of different types of business reports.

**298.01 PROFESSIONAL PRACTICE:
 INTERNSHIP/COOPERATIVE
 EDUCATION IN MANAGEMENT** 1-6 F,S
Jr standing req.

Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the dept coord.

323 HUMAN RESOURCES MANAGEMENT 3 F,S
MQM 220 with a grade of C or better req.

Principles and procedures relating to human resources management, including staffing, appraisal, training, compensation, and other programs for business and other organizations.

**324 INDUSTRIAL RELATIONS
 MANAGEMENT** 3 F,S
MQM 220 with a grade of C or better req.

Managing employment relations and work conditions. Emphasis on negotiating, administering labor agreements, and impact of collective bargaining on managerial practice.

326 SMALL BUSINESS FIELD STUDIES 3 F,S
Sr standing and 2.0 GPA req. Formerly SMALL BUSINESS MANAGEMENT.

Field program designed to familiarize the student with the problems of small business owners and/or operators. The student acquires firsthand knowledge and experience by dealing with on-going businesses.

**333 PRODUCTION/INVENTORY
 CONTROL MANAGEMENT** 3 S
MQM 227 req.

Examines issues related to manufacturing planning and control. Topics include Scheduling, Just-in-Time (JIT), and Material Requirements Planning (MRP).

**335 QUALITY CONTROL
 MANAGEMENT** 3 F
MQM 227 or cons inst req.

Introduces the basic concepts and models used in quality management. Emphasis is placed on the organizational and behavioral dimensions of a quality management program.

337 SERVICE OPERATIONS 3 S
MQM 227 and MAT 121 req.

Issues related to managing operations in the service sector. Topics include the planning, organization, and control of service operations.

340 SEMINAR IN MANAGEMENT 3 F,S
MQM 221 req. May be repeated once if topic different.

Specialized study of a selected topic in the field of management for advanced students.

341 CORPORATE COMMUNICATION 3 F,S
MQM 220 with a grade of C or better and ENG 145.13 or MQM 240 req. Formerly BEA 341, PRACTICUM IN BUSINESS COMMUNICATION.

Communications unique to professional employment; emphasis on research and writing skills for effective communication.

**345 QUALITY STANDARDS
 AND IMPLEMENTATION** 3 S
MQM 227 and 335 req.

Advanced quality management, examining quality standards used today, discussing different methods and issues related to standard implementation in service and manufacturing companies.

**349 BUSINESS IN A MULTICULTURAL
 ENVIRONMENT** 3 F,S
Formerly BEA 345.

Business operations in a multicultural environment. Relationship between the business process and social attitudes, values, ideologies, and customs with special emphasis on Asia, Latin America, and the Middle East.

350 INTERNATIONAL MANAGEMENT 3 F
MQM 220 with a grade of C or better req.

Managerial decision making for planning, organizing, and controlling the functions, operations, and resources of multinational corporations.

352 RECRUITMENT AND SELECTION 3 F,S
MQM 323 req. Formerly 340.02.

Advanced course focusing on the relationship between recruitment and selection activities and their impact on other human resource functions and organizational performance.

**353 STRATEGIC HUMAN RESOURCE
 PLANNING AND MANAGEMENT** 3 S
MQM 323 req.

Strategic human resource planning as the base for organizational human resource decisions and programs, and management of personnel development in organizations.

354 COMPENSATION MANAGEMENT 3 F,S MQM 323 req.

Compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance.

355 EMPLOYEE APPRAISAL AND CAREER DEVELOPMENT 3 F MQM 323 req. Formerly 340.01.

Advanced course focusing on assessment of employer and employee development needs, career development programs, employee development, program evaluation, and performance appraisal.

356 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT 3 F Formerly BEA 371, TEACHING BUSINESS TOPICS TO ADULT LEARNERS.

Examines theoretical foundations of human resource development and includes employee orientation, technical training, career development, management development, and diversity training.

357 PROGRAM DESIGN AND DEVELOPMENT IN HUMAN RESOURCE DEVELOPMENT 3 S Formerly BEA 372, EDUCATIONAL MATERIALS FOR ADULT LEARNERS IN BUSINESS.

Focuses on methods, materials, and technology applied to the design, selection, and implementation of training programs for business and non-profit organizations.

380 LEADERSHIP: TEAMS AND TEAM DEVELOPMENT 3 F,S MQM 221 or conc reg req. Formerly TEAMS AND TEAM DEVELOPMENT.

The critical issues in groups and teams are examined within organizational settings. Emphasis is on work teams in organizations and the issues of effectiveness, performance, and conflict.

381 PROJECT SUPERVISION: DEVELOPING MANAGERIAL SKILLS 3 F,S MQM 221 or 323; Sr standing. Formerly PROJECT SUPERVISION.

Opportunities to develop managerial skills through classroom exercises, self-development activities, and supervising projects.

382 ORGANIZATIONAL LEADERSHIP 3 F,S MQM 221 or conc reg req.

Emphasis is on leadership and motivation as directive functions of management that are instrumental for achieving high quality performance and organization member satisfaction. Techniques for enhancing one's individual leadership skills are utilized.

383 LEADING ORGANIZATIONAL CHANGE 3 F,S MQM 221 or conc reg req. Formerly ORGANIZATIONAL CHANGE AND DIVERSITY.

Critical issues in organizational change including power, culture, change strategies, and resistance to change are examined and applied to diversity in the organization and its markets.

384 LEADERSHIP: DECISION MAKING AND PLANNING 3 F,S MQM 221 or conc reg req. Formerly MQM 325 and MANAGERIAL PLANNING AND DECISION MAKING.

A consideration of managerial decision making in organizations. Specific emphasis on strategic, program, and operational level planning decisions, techniques, and systems.

385 PROBLEMS IN BUSINESS 3 F,S, Summer ACC 166 or ACC 270; MQM 220, 227; FIL 208, 240; MKT 230, all with grades of C or better req; Sr standing req. Bus maj only.

Integration of the decision-making processes involved in each of the major functional areas of business.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience can receive letter-grade cr hrs of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience can receive letter-grade cr hrs, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

MARKETING (MKT) 559

325 Williams Hall, (309) 438-7261
FAX (309) 438-5510

Web address: www.cob.ilstu.edu/marketing/

Chairperson: Timothy Longfellow

Tenured/Tenure-track Faculty:

Professors: Celuch, Cox, Goodwin, Showers, Slama.

Associate Professors: Attaway, Humphreys, Longfellow, Singley, Taylor, Williams.

Assistant Professors: Goebel, Hunter, Vorhies.

General Department Information

The Marketing Department offers and administers several degree programs: Marketing, Business Teacher Education, and International Business.

Academic Requirements:

All students with majors offered by the Department of Marketing must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Marketing Program

Degree Offered: B.S. in Marketing

Marketing is a flexible degree that qualifies graduates for a variety of leadership positions in the selling, distribution, pricing, and advertising of goods and services for both profit and non-profit organizations.

MAJOR IN MARKETING

- 61 required hours including 43 hours in required core and non-business courses and 18 hours in Marketing major required and elective courses.
- The 43 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Marketing major elective courses: (9 hrs selected from): MKT 233, 234, 235, 238, 329, 333, 334, 335, 337, 339, 398.01 NOTE: Up to 3 hours of MKT 287, and 398.01 may be counted as part of the 9 hours listed above.
- In addition, students must fulfill the College's flexible core requirement:
 - A second major, in or outside the College of Business, or
 - A minor, in or outside the College of Business, or
 - An approved group of courses, which must be either
 - Standardized (from an approved list) or
 - Self-directed; Self-directed groups must be developed with the assistance of an academic advisor and with the approval of their major department chair.
- A student must complete the flexible core requirement with no more than 6 credit-hours from the student's primary area of study.
- The senior year's work (last 30 hrs) must be completed in residence at Illinois State University.
- At least 60 of the 120 hours required for graduation must be in courses other than business (ACC; BTE; FIL; INB; MKT; and MQM). Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.

Marketing Courses

230 INTRODUCTION TO MARKETING MANAGEMENT 3 F,S

ECO 105 or (101 and 102) or 103 req.

A managerial approach to the study of such key decision areas as advertising, distribution, pricing and product development as well as other concepts and activities that facilitate exchange and build relationships between buyers and sellers in the environments of business and non-business organizations.

231 BUYER BEHAVIOR 3 F,S

MKT 230 with a grade of C or better req.

Theory and research on explaining and predicting consumer and organizational buying behavior. Course examines concepts that have implications for marketing management decisions.

232 MARKETING RESEARCH 3 F,S

MQM 100 (or ECO/GEO/POL/PSY 138) and MKT 230, both with a grade of C or better req.

Examines marketing research methods and techniques used in the collection and interpretation of primary and secondary data. Hands-on experience is gained through participation in one or more research projects.

233 FOUNDATIONS OF INTEGRATED MARKETING COMMUNICATION 3 F,S

MKT 230 with a grade of C or better req. Formerly ADVERTISING.

Provides an introduction to and foundation for integrated marketing communication (IMC). Coverage will include brand strategy, management, and measurement, overview of promotional mix tools, and secondary research tools for situation analysis as the foundation for IMC planning.

234 PERSONAL SELLING AND RELATIONSHIP MARKETING 3 F,S

AGR 214 or MKT 230 with a grade of C or better req. Formerly PROFESSIONAL SELLING.

Presents personal selling as a professional marketing activity; coverage of effective selling methods. Application of selling theories to the modern marketing concept. In-class presentations and role playing exercises are typical. Interactive Learning Systems Technology is used in all sections.

298 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer

Jr standing req. Primarily for students with less than 89 hrs earned. Does not count toward the MKT Major. CR/NC only. See dept chair for info and cons.

329 PURCHASING POLICIES AND PROCEDURES 3 F or S

MKT 230 with a grade of C or better req.

Purchase of materials, supplies, and equipment for industry, government, and other institutions. Organization for purchasing, internal requisitioning, and stock control. Significant case analysis is typical.

333 INTEGRATED MARKETING COMMUNICATION 3 F,S
MKT 231, 232, 233 req. Formerly ADVERTISING MANAGEMENT.

This course is designed to overview and experience the integrated marketing communication (IMC) planning process through a client project. In addition to exploring the IMC or promotional strategy planning process, within a marketing strategy framework in class sessions, students will gain experience in developing an IMC plan based on a thorough market/situation analysis for real clients.

334 SALES MANAGEMENT 3 S
MKT 234 req.

Theory, principles, and practices of sales force administration for manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Computer simulation gaming is typical.

335 RETAILING MANAGEMENT AND PROMOTION 3 F,S
MKT 230 with a grade of C or better req.

Management and operation of retail firms. Emphasis on location analysis, pricing, inventory control, merchandising and promotion. Experiential assignments are typical.

337 BUSINESS-TO-BUSINESS MARKETING 3 S
MKT 231 and 232 req. Formerly INDUSTRIAL MARKETING.

Focuses upon the scope and nature of marketing in an industrial or business-to-business context. A managerial decision making framework is utilized.

338 STRATEGIC MARKETING MANAGEMENT 3 F,S
MKT 231 and 232 req.

Development, implementation, and control of the marketing plan. Short and long-run perspectives are considered equally important. Includes analysis of actual and hypothetical cases. Computer simulation gaming is typical.

339 SEMINAR IN MARKETING 3 F,S
MKT 231, 232 or cons dept chair req. May be repeated once if topic and inst differ.

A specialized study of important, narrow areas in the field of marketing for advanced students. Recent topics include direct marketing, logistics/physical distribution, sales/market forecasting, advanced marketing research, advanced professional selling, and services marketing. Computer simulation gaming is typical.

350 INTERNATIONAL MARKETING 3 F,S
MKT 230 with a grade of C or better req. Formerly MKT 238.

Understanding the global marketing environment and developing marketing strategies across national boundaries. The political, economic, and cultural variables which influence such strategies are identified. Recent cross-cultural research and real world cases clarify concepts and their application.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer

Jr standing req. Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience can receive letter-grade cr, and up to 3 cr hrs can possibly be counted toward the MKT Major. See dept chair for info and cons.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer

Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience will receive CR/NC hrs only, none of which can be counted toward the MKT Major. See dept chair for info and cons.

BUSINESS TEACHER EDUCATION (BTE) 556

General Information

The Business Teacher Education program focuses on developing business, marketing and computer educators through the pursuit of Illinois State University's conceptual framework for teacher education: "Realizing the Democratic Ideal." The BTE program prepares students for teacher certification requirements for the State of Illinois by embracing state and national teacher education standards established by the Illinois State Board of Education (ISBE), National Council for Accreditation of Teacher Education (NCATE), International Society for Technology in Education (ISTE), and National Association of Business Teacher Education (NABTE). This program prepares graduates for secondary teaching positions as well as elementary and middle school level positions (special K-12 certification).

Students should note that:

1. Business Teacher Education majors must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in Business Teacher Education courses.
2. At least 60 hours of credit toward the bachelor's degree must be taken outside the College of Business and in subject areas other than business.
3. While the University requires an overall GPA of 2.0 for graduation, majors in the Business Teacher Education program must earn and maintain a 2.5 GPA for admission to the University's Teacher Education program (see University-wide Teacher Education program requirements in the College of Education section of this *Undergraduate Catalog* for further information). Also, Business Teacher Education majors must have a minimum GPA of 2.5 in the major and at ISU in order to be eligible to student teach.

4. For the Business Teacher Education program, minimum Clinical Experiences totaling 145 clock hours shall be completed prior to student teaching. Several Business Teacher Education and College of Education courses include Clinical Experiences.
5. Students shall plan programs in consultation with an advisor.
6. The BTE program is a performance-based program (PBA) that requires students to attend two program meetings (one each in fall and spring semesters) to receive updates and complete assessments. In the BTE PBA system, students pass over five (5) thresholds to complete the program. In addition to regular course work and campus-wide teacher education performance assessments, BTE students complete interviews, essays, check sheets, attend college colloquia, and prepare a summative program portfolio. See the BTE coordinator and/or advisor for further details.
7. Students desiring cooperative vocational education certification are required to complete BTE 380 and 382.

Business Teacher Education Programs (BTE)

Degrees Offered: B.A., B.S., B.S. in Ed.

MAJOR IN BUSINESS TEACHER EDUCATION

Business Teacher Education includes: (1) a study of the concepts and properties in modern business environments, including accounting, business law, information processing, telecommunications, quantitative analysis, management, marketing and finance; (2) the development of cognitive, psychomotor, and affective skills in the content areas (listed above in (1)) related to the use of tools, materials, processes, resources, technologies, principles, and products as well as their impact on society; and (3) the professional competencies of planning, implementing and evaluating instruction. The program is based upon Illinois State University's institutional standards as reflected in the conceptual framework for Teacher Education. Furthermore the BTE program embraces the Illinois State University conceptual framework by addressing standards developed by the ISBE (Illinois Professional Teaching Standards, Illinois Business, Marketing, and Computer Education Content Standards, Illinois Core Language Arts Standards, Illinois Core Special Education Standards for all teachers (draft), and Core Technology Standards for all teachers). These standards were established by the agencies and professional organizations listed above.

The BTE program, through the following requirements, is part of the entitlement program leading to certification: Secondary 6-12 Business Marketing and Management and K-12 Specialist in Business Education. Initial employment opportunities include elementary, middle level and junior high level business and computer instruction/technology coordination; high school business, marketing and computer teacher/coordinator; school/district computer teacher; community college/technical college instructor; and business/industry trainer/instructor.

Student Teaching comprises a full semester experience with 5.5 weeks in an elementary and/or middle level setting (five semester hours) and 11.5 weeks in a secondary level

setting (seven semester hours). Prior to student teaching students complete at least 145 pre-clinical hours of field experience with a minimum of 30 in elementary/middle level and 70 in secondary settings. Student Teaching is available only under a CR/NC option using performance based assessment methods. Also, see University-Wide Teacher Education program requirements and Teacher Education Admission program sections of this *Undergraduate Catalog* for further requirements.

Required courses:

- 88 hours required: 62 hours required in the major with 55 hours outside of General Education. 26 hours of the required hours meet Professional Education requirements. 81 hours are required outside of General Education.
- Core courses required of all Business Teacher Education majors: BUS 100; ACC 131, 132, 270; MQM 140; ECO 105; FIL 208, 240; MKT 230; MQM 100 (or ECO/GEO/POL/PSY 138), MQM 220; PSY 110 or 111; MAT 120 or 144 (see Mathematics prerequisites); and pass competency in MS Office or complete ACC 167 and/or 168.
- Professional courses required of all Business Teacher Education majors: BTE 199 (1 hr), BTE 260, 362, 363, and 364. These courses must be completed prior to student teaching in the elementary or secondary school setting; they provide 90 clock hours of Clinical Experiences from the 100 clock hours required by the State of Illinois and 145 hours required by the BTE program. The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description in this *Undergraduate Catalog*.
- Professional Education courses (26 hours): PSY 215; C&I 214, 215, and 216; EAF 228 or 231 or 235; STT 399.05 (12 hrs). All Professional Education courses must be passed with a grade of C or higher (except for STT 399.05, a CT/NC only course, which must be passed).
- Required courses for Illinois Teaching Certificate Endorsements: passing keyboarding/formatting competency exam, BTE 225, 330, 354, and TEC 243. Students completing these requirements will automatically receive a K-12 Special Business Education Certificate and 6-12 Business Education Certificate with endorsements in Accounting, Basic Business, and Information Processing. Additional endorsements may be acquired by completing the following:

1. **Information Processing/Secretarial:** Passing keyboarding and formatting competency exam (in lieu of BTE 108), BTE 225, 354; TEC 243 (students must transfer terminal course in shorthand, note-hand, or machine transcription from another institution).
2. **Business Computer Programming/Systems:** ACC 261, 266, 270; BTE 225.
3. **Marketing:** MKT 230 and any 2 of the following: MKT 231, 232, 233, 234, 235.
4. **Work-Based Learning Teacher/Coordinator:** BTE 380 and 382 and 2,000 hours of employment experience in the occupational specialty to be taught. (This is highly recommended for those seeking involvement with Tech Prep, apprenticeship or Education-to-Career programs).

MINOR IN BUSINESS TEACHER EDUCATION

The Minor in Business Teacher Education is available only to those in an Education major.

- 34-38 hours required.
- Required courses: ACC 131, 270; BUS 100; BTE 225, 260 (2 hrs), 362 (3 hrs) or 363 (3 hrs); ECO 103 or 105; ENG 145.13; MQM 100 (or ECO/GEO/POL/PSY 138); MQM 220.
- The student must choose 8 hours from one of the following areas so that upon completion of the minor the student is qualified for at least 1 teaching certificate endorsement.
 1. **Accounting:** ACC 132; FIL 240.
 2. **Basic Business:** BTE 330 and one of the following: FIL 208, MKT 230.
 3. **Information Processing:** Passing keyboarding and formatting competency exam (in lieu of BTE 108), 354; TEC 243.

MINOR IN CONSUMER EDUCATION

The Minor in Consumer Education is available only to those in a Secondary Education Major.

- 31-33 hours required in Business Teacher Education; Family and Consumer Science; Finance, Insurance and Law; Marketing.
- Required courses: BUS 100; ACC 131, BTE 260; FCS 103 or BTE/FCS 330; FCS 333, BTE 362 or FCS 203; ECO 103 or 105; FIL 208; MKT 230, 231; MQM 100 (or ECO/GEO/POL/PSY 138).
- **NOTE:** Appropriate courses may be substituted for required courses with the approval of the Department Chairperson.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Business Teacher Education Courses

All of the following Business Teacher Education (BTE) courses were formerly Business Education and Administration (BEA) courses.

108 BASIC FORMAT TYPEWRITING/ KEYBOARDING

2 F,S

Materials charge optional.

Introductory course includes presentation of microcomputer keyboard and development of basic skills for rapid, accurate preparation of documents and office communication forms. A Proficiency Exam is available; see dept chair for information.

125 APPLICATIONS OF OFFICE TECHNOLOGY

3 F,S

Not for cr if had ACS 150 or ACC 166. Materials charge optional. Formerly BEA 200.

Word processing, data base management, spread sheets, business graphics, and communications using microcomputers.

199 INTRODUCTORY CLINICAL EXPERIENCE IN BTE

1-3 F,S

Incl Clin Exp: 50 hrs min, Type 1-6, 9, 10. For CR/NC only.

Assist public school business teacher in delivering instruction. Includes observation, record keeping, grading, instructional material preparation, instructional aiding and direct teaching.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL

3 F,S

MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as ACC 225.

Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training.

250 RECORDS MANAGEMENT: THEORY AND CONCEPTS

3 F

Organization and management of records systems including records maintenance, protection, and final disposition.

260 FOUNDATIONS OF BUSINESS EDUCATION

2 F,S

C&I 214, 215, or conc reg req. Incl Clin Exp: 12 hrs, Type 1, 6, 9.

Historical background and current status of Business Education emphasizing professional responsibilities of teachers and principles of curriculum construction.

300 CAREER PLACEMENT DECISIONS

1 F,S

An orientation to the processes used in obtaining employment. Includes instruction concerning resumes, application letters, job sources, and interviews.

330 DECISION-MAKING FOR CONSUMERS

3 F,S

Also offered as FCS 330.

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life-styles, consumer protection, leisure, and achieving financial security.

354 EDUCATIONAL TECHNOLOGY**INFORMATION SYSTEM: PLANNING AND IMPLEMENTATION 3 F**

BTE 225 and MQM 220 with a grade of C or better req. Incl Clin Exp: 10 hrs, Type 1, 3, 4, 10. Formerly ADMINISTRATIVE OFFICE INFORMATION SYSTEMS: PLANNING AND IMPLEMENTATION.

Understand the role of information technology systems in educational settings. Includes developing skills in evaluating hardware and software, developing technology plans and policies, implementing and evaluating technology systems, using the Internet to solve educational/learning issues, and keeping current with technological innovation.

360 TOPICS IN STRATEGIES**OF TEACHING BUSINESS EDUCATION SUBJECTS 2 F,S**

BTE 260 or conc reg req; C&I 216 req. Incl Clin Exp: 12 hrs, Type 1-6, 9. May be repeated if content different. Adm to Teacher Ed or teaching experience req.

Methods of teaching Business Education subjects including keyboarding, information processing, basic business, consumer economics, accounting, marketing education, and current topics.

362 BASIC BUSINESS, ACCOUNTING, AND MARKETING INSTRUCTION 3 F

BTE 260 or conc reg req. Incl Clin Exp: 12 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Methods of teaching basic business, consumer economics, accounting, and marketing.

363 KEYBOARDING, INFORMATION PROCESSING, AND COMPUTER APPLICATION 3 F

BTE 225, 260 or conc reg req. Incl Clin Exp: 12 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Instructional strategies in the teaching of personal and vocational keyboarding and computer applications at the junior high and high school levels.

364 TEACHING KEYBOARDING AND INFORMATION PROCESSING IN ELEMENTARY SCHOOLS 1 F

BTE 363, or conc reg req. Include Clin Exp: 5 hrs, Type 1-6, 9. Adm to Teacher Ed req.

Methods of teaching keyboarding and information processing for elementary students.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS 3 F

Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as FCS 380.

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

381 DIRECTED OCCUPATIONAL EXPERIENCE FOR VOCATIONAL BUSINESS AND OFFICE AND MARKETING EDUCATION 3 S,Summer

For in-service teachers.

Approved on-the-job work experiences required of business and office, and marketing education vocational teachers.

382 COORDINATION TECHNIQUES OF**COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3 S**

Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as AGR/FCS 382 and TEC 306.

Coordination techniques needed for high school and post-secondary teacher coordinators in integrating classroom activities with daily employment.

International Business (INB) 546

Degrees Offered: B.A., B.S.

The Baccalaureate program in International Business is designed to provide a specialized curriculum for students interested in business who wish to prepare themselves for international careers within multinational corporations. This interdisciplinary program, administered by the Department of Marketing, combines course work in general and international business, foreign language, and area studies. Through a concentration or sequence in a business area, the program provides a combination of international business and functional area of business. The student can choose from two international business tracks. The required international business courses provide solid exposure to the unique dynamics of international business. Area studies and foreign language requirements further enhance the students' international experience. Study abroad experiences are an essential element of the international business program. It is strongly recommended that every international business major participate in a study abroad program or complete an international internship.

The International Business program is divided into a common business core applicable to all business students, the International Business core, a concentration or sequence in a functional area, the Foreign Language requirement, and area studies requirements. Sixty hours of course work must be taken outside of the College of Business.

MAJOR IN INTERNATIONAL BUSINESS

- 61 required hours including 43 hours in required core, 18 hours in International Business major required and elective courses.
- The 43 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 208, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- 18 hours of International Business coursework from one of two tracks

Track one:

- Required courses (15 hours): FIL 312; INB 190; MKT 350; MQM 349, 350.
- Elective hours (3 hours): Select one of the following courses: ACC 340; ECO 245; FIL 344; INB 245, 398.

Track two:

- Required courses (15 hours): ACC 340; FIL 312, 344; INB 190; MQM 349.
- Elective hours (3 hours): Select one of the following courses: ECO 245; MKT 350; MQM 350; INB 245, 398.

- Business Functional Area Requirement (9 hours): All students must take a 9 hour concentration in a functional area of business: Accounting, Business Information Systems, Finance, Insurance, Management, and Marketing.
- Foreign Language requirement (6-8 hours): All Students must take two language courses at least through the 116-level, regardless of proficiency (proficiency credit may not be used towards the major).
- Area Studies requirement: two courses (6 hours) from Foreign Languages, Geography, History, Interdisciplinary Studies, or Politics and Government. Consult with the advisor for a list of approved courses. The area studies courses must support the foreign language.

MINOR IN INTERNATIONAL BUSINESS

A minor in International Business is only available to students who major in the College of Business.

- 22 hours required.
- 12 hours to be chosen from ACC 340; FIL 312, 344; INB 190, 245; MKT 350; MQM 349, 350.
- 4 hours required in Foreign Language at least through the 115-level.
- 6 hours of area studies electives from Geography, History, Politics and Government, or Interdisciplinary Studies. Consult with advisor for specific courses.

BUSINESS STUDY ABROAD

The College of Business has partner institutions in England, France, and Mexico. Additional partnerships are under development. The College sponsors both summer study abroad programs and semester programs. In addition, the University sponsors summer and semester programs to a variety of countries. Students should plan for an international program early in their studies and consult with the International Business advisor for the transfer of credits earned abroad.

The summer studies abroad programs are conducted in English or the language of the respective country at the partner universities. Check with the advisor for details. For these programs, students earn 6 credits for 2 courses (IDS

189, Interdisciplinary Studies and INB 245, Business Studies Abroad). The semester programs offer courses in English and the language of the country. The student should see the advisor for the articulation of specific courses.

The College's partner universities are:

The University of the West of England
Bristol, England (summer program)

The University of Paderborn
Paderborn, Germany (semester program)

Ecole Supérieure des Sciences Commerciales d'Angers
Angers, France (summer and semester program)

Instituto Tecnológico de Estudios Superiores de Monterrey
(ITESM) Queretaro, Mexico (summer program)

International Business Courses

190 INTRODUCTION TO INTERNATIONAL BUSINESS 3

ECO 101 or 102 or 103 or 105 req.

Provides basic knowledge of theory and practice in International Business; lays the foundation for specialized upper-division courses in International Business.

245 BUSINESS STUDY ABROAD up to 6 hours Summer

Jr standing; cons coord req. 3 hours may count as major elective in the areas the following programs: Business Administration, Finance, Insurance, International Business, Management, and Marketing.

Encompasses any studies related to College of Business Summer Studies Abroad.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN INTERNATIONAL BUSINESS 1-6 F,S,Summer

Primarily for jr/sr International Business majors with at least 90 hrs. On-the-job experience in international business. Students qualifying for the internship experience can receive up to 6 cr hrs of which 3 can be counted towards a major elective.

COLLEGE OF EDUCATION

Dean: Dianne Ashby, Office: 506 DeGarmo Hall.

Web address: <http://coe.ilstu.edu/>

The College of Education includes the Departments of Curriculum and Instruction, Special Education, Educational Administration and Foundations, the Office of Clinical Experiences and Certification Processes, and the Laboratory Schools. A research and service unit is included in the College of Education.

The mission of the College of Education is to provide state and national leadership in teacher and administrator education, educational research, and educational policy.

The preparation and continuing professional development of educators is the core of this mission. The guiding framework for teacher education at Illinois State University "Realizing the Democratic Ideal," captures the values of education programs with "To teach in a democracy is self-consciously to take up the burden of improving the moral and intellectual quality of our societal dialogue by including in it as many educated visions as possible." A comprehensive offering of degree, certification, and outreach programs operated year round at both undergraduate and graduate levels constitutes the primary mechanism through which the mission is fulfilled.

The College also fulfills its strategic mission of influencing education by interacting directly with practitioners in the field in a variety of partnerships in schools and other associations and agencies. In addition, the College is an active participant in discussions related to educational policy development within national, state, and local arenas.

CURRICULUM AND INSTRUCTION (C&I) 533

232 DeGarmo Hall, (309) 438-5425

Web address: <http://coe.ilstu.edu/c-idept/>

Chairperson: S. Rex Morrow

Tenured/Tenure-track Faculty:

Professors: Bettis, Braun, Curtis, Fisher, Jinks, Lorber, Morrow, Moss, Nourie, Rhodes.

Associate Professors: Benenson, Jerich, Kolloff, Lenski, Lorschach, Moore, Morgan.

Assistant Professors: Adair, Al-Bataineh, Black, Borgia, Crawford, Crumpler, Ehlers-Zavala, Grady, Gray, Morey, Mounts, Nierstheimer, Nwoye, Toll, Smith, St. Clair, Stallworth, Walker, Weilbacher.

General Department Information Early Childhood Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Early Childhood Education program on a competitive and selective basis. To register for C&I 281, the Early Childhood Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.5.
2. A minimum of 45 semester hours completed (**To begin C&I 281, however, students must have achieved junior standing—a minimum of 60 semester hours completed.**)
3. A minimum grade of C in both ENG 101 and COM 110.
4. **All sections of ETS PRAXIS I (PPST) passed (see description below).**

Students should contact their C & I advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

ETS PRAXIS I (PPST)

All early childhood majors are required to pass a ETS PRAXIS I in reading, writing, and mathematics before registering for C&I 281. For this reason students should take the ETS PRAXIS I (PPST) (fee required) as early as possible.

MAJOR IN EARLY CHILDHOOD EDUCATION

The Early Childhood Major leads to certification for teaching in programs serving children birth to age 8 (grade 3). The professional coursework of the program focuses on preparation for teaching in day care centers, nursery schools, 0-3 early intervention programs, and primary classrooms.

Most professional course work, taken through Core units, is ordinarily started during the first semester of the junior year. Each Core unit is for an entire semester and is a unified program of classroom experiences taught by a team of instructors from C&I and other departments. Each Core covers a common content: knowledge about physical, cognitive, social, and creative development of children; knowledge about school curriculum and organization; and direct teaching experience with young children. The final semester (Student Teaching) is spent off campus. In some cases, students will participate in a one year Professional Development School. Concurrently with each Core, students take additional required courses. Specific information on admission policies and practices is available from the Department of Curriculum and Instruction.

Students are encouraged to take the ETS PRAXIS I (PPST) as early as possible **since passing scores on the ETS PRAXIS I are required before registering for Core I (C&I 281).**

- Required courses (54 hrs): C&I 110, 281, 282, 283, 314, 331, STT 399.54; SED 373, 379 and PAS 115. Concurrent courses are taken through advisement.
- Each student should consult the Teacher Education Requirements section of the *Undergraduate Catalog* for further understanding of state General Education requirements for certification in Early Childhood Education.

Elementary Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Elementary Education program on a competitive and selective basis. Incoming Freshmen students must have an ACT score of 23 and the top quarter of the class or ACT of 25 and the second quarter of class standing.

To register for C&I 209, Literacy II, a student must have achieved:

1. C&I 208 Literacy I.
2. 3.0 cumulative GPA.
3. All sections of ETS PRAXIS I (PPST) passed (see description below).
4. Transfer students must have a minimum cumulative transfer GPA of 3.0 and A.A. or A.S. degree and other requirements as currently specified by the program.

Students should contact their C&I advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

ETS PRAXIS I:

All elementary majors are required to pass the ETS PRAXIS I in reading, writing, and mathematics before registering for C&I 209. For this reason, students should take the ETS PRAXIS I (fee required) as early as possible.

MAJOR IN ELEMENTARY EDUCATION

Elementary Education Program Sequence Requirements:

All Elementary Education majors are required to complete an 18 semester hour discipline from one of the following areas: General Science, Social Science, English, Foreign Language, or Mathematics. Contact the Department of Curriculum and Instruction to obtain a copy of the recommended courses for each of the disciplines.

All Elementary Education majors are required to complete 12 semester hours of science from the areas of Biologi-

cal Sciences, Chemistry, Geology, and/or Physics. *Contact the Department of Curriculum and Instruction to obtain a copy of acceptable science courses.*

Professional Education--Major Adjunct Courses: 21 semester hours. These courses should be completed by the end of the junior year with the exception of the EAF class.

SED 145	Introduction to Special Education	3 hrs
ENG 170	Foundations in Literature for Children	3 hrs
MAT 201	Teaching Mathematics in the Elementary School	3 hrs
KNR 222	PE for the Elementary Classroom Teacher	2 hrs
EAF 228	Social Foundations	OR 3 hrs
231	Introduction of Philosophy of Education	OR
235	Historical Foundations	

ART 205	Art for the Classroom Teacher	OR 4 hrs
MUS 277	Music Ed in the Elementary Grades	OR
THE 280	Creative Drama	
(2 of 3 required)		

PSY 302	Developmental Psychology of Adolescence	3 hrs
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Professional Education--C&I Major Courses: 23 semester hours.

C&I 104	Introduction to Education	2 hrs
C&I 208	Literacy I: Reading and LA in the Elementary Schools	3 hrs
C&I 209	Literacy II: Reading and LA in the Elementary Schools	3 hrs
C&I 210	Child Growth and Development	3 hrs
C&I 211	Seminar in Education	3 hrs
C&I 233.01	Education and the Early Adolescent	3 hrs
C&I 257	Teaching Science in the Elementary Schools	3 hrs
C&I 258	Teaching Social Studies in the Elementary Schools	3 hrs

Professional Education--Student Teaching: 12 semester hours.

STT 399.50	Student Teaching	12 hrs
(entire semester experience)		

In the semester before Student Teaching, students will enroll in a 15 hour semester consisting of C&I 211, 233.01, 257, 258, and EAF 228 or 231 or 235. Generally, students are limited to this 15 hour schedule because either (a) they are required to complete 4 weeks of full-time Clinical Experiences in elementary schools or (b) this semester is taken at an off-campus Professional Development School.

Bilingual/Bicultural Education Sequence:

An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and who completes the proposed required courses listed may be certified as an elementary school teacher with bilingual/bicultural approval. In addition to the courses required for the Elementary Education Major, other required courses include:

- Required courses: C&I 218, 319, 320; ENG 243.
- 2 courses selected from: ENG 290, 341, 343, 344, 345.
- 3 courses selected from: FOR 213.15, 244.15*, 305.15*, 336.15.
- 1 course selected from: HIS 104.30, 111, 263, 273, 322.
- 1 course selected from: ANT 175, 277; SOC 111, 260, 264.
- Bilingual Education student teaching must be in a bilingual setting.

*These courses can be taken during summer programs sponsored by the Foreign Language Department in Spanish-speaking countries or on campus.

Additional courses in Spanish may be needed in order to obtain the required degree of Bilingualism. The courses available in the Department of Foreign Languages are complemented by a summer program abroad. Language proficiency will be determined by successfully passing the Illinois Language Proficiency Test oral and written exam. The acceptable level of language proficiency required by the state of Illinois is a 70% score in the Language Proficiency Test. This level requires that the candidate function sometimes, but not consistently, in the following:

- supports opinions and argues logically a point of view
- hypothesizes
- discusses abstract and concrete topics
- makes unpatterned errors only
- can get into, through, and out of familiar situations

The Elementary Education major who desires Bilingual/Bicultural approval should consult the Coordinator of the Bilingual/Bicultural Education Program in the Department of Curriculum and Instruction for assistance in planning a program to meet the above requirements.

ENDORSEMENT IN READING

Students may complete course work leading to the 18-hour reading endorsement. To meet these state requirements, students must fulfill 12 hours in reading in categories designated by the State of Illinois, a literature course appropriate to the teaching level, and an additional approved reading course.

Middle Level Teacher Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Middle Level Teacher Education program on a competitive and selective basis. To register for C&I 233, the Middle Level Teacher Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.5.
2. A minimum grade of C in both ENG 101 and COM 110.
3. All sections of ETS PRAXIS (PPST) passed (see following description).

Students should contact their C&I advisors for additional information. Prospective transfer students are urged to file an Application for Admission to Illinois State University early. (See Admission section of this *Undergraduate Catalog*.)

ETS PRAXIS I:

All middle level teacher education majors are required to pass ETS PRAXIS I in reading, writing, and mathematics before registering for C&I 233. For this reason students should take the ETS PRAXIS I (PPST) (fee required) as early as possible.

MAJOR IN MIDDLE LEVEL TEACHER EDUCATION

Professional Requirements:

- 40 hours in Professional Education required. Part of entitlement program leading to certification: Elementary K-9.
- Required courses: C&I 130, 210, 233, 306, 333, 390, 395, 399.55 (12 hrs of Student Teaching); EAF 228 or 231 or 235; PSY 302; PSY 346 or 347 or SED 145.

Specialization Requirements:

- Appropriate preparation in 2 or more areas of teaching specialization listed below is required.

The major in Middle Level Teacher Education, a program of professional development for those who wish to teach at the middle school-level of education, consists of three broad areas of preparation. These are: General Education requirements for certification which are listed in the section on Teacher Education; Professional Requirements which are listed above; and Teaching Specialization Requirements, the character of which are described below. Upon satisfactorily completing this program, the student will meet the State of Illinois requirements for Elementary certification (K-9).

An advisor in the Department of Curriculum and Instruction will assist the Middle Level Teacher Education major in planning course work in both a primary and secondary area of specialization.

Primary Specialization:

A student must complete specified hours from one of these content areas: Science, Industrial Technology, Social Sciences, Mathematics, Reading, Language Arts, or Physical Education.

Secondary Specialization:

In addition to the primary specialization, a student must complete a minimum of 18 hours (completes the State of Illinois minimum requirements for teaching in a second field) in another content area selected from those listed above, or from Health Education or Reading.

Unlike preparation for senior high school teaching, the junior high/middle school demands broad preparation across the several disciplines that constitute a subject area at this

level. To meet these broad field demands in their selected teaching areas, pre-service teachers in the Illinois State program are guided through coursework that is specifically attuned to the curriculum requirements of the junior high/middle school.

A primary feature of the Middle Level Teacher Education program is the experience that the pre-service teacher gains in working with young adolescent youth in the school environment. Simultaneously with the course work in the categories previously described, the student in the program engages in a variety of Clinical Experiences working with students in area junior high/ middle schools. In fulfilling its strong commitment to young adolescent education, Illinois State University works closely with these schools to provide maximal opportunities for majors in the development of teacher-student interaction skills. The prescribed and voluntary internship activity aids the student in making the transition from pre-service to in-service teaching much more effectively and expeditiously. This activity and the other features of this specialized program combine to provide a comprehensive and thorough undergraduate program for teachers as specialists at a school level where few exist.

Certification standards and standards for school recognition by the Illinois State Board of Education relating to the qualifications of teachers as well as those for member schools of the North Central Association are met and considerably exceeded by graduates of the Middle Level Teacher Education program at Illinois State University.

Urban Education Study:

Students wishing preparation for working with urban populations may elect to complete Urban Education. Urban Education is not a certified area but is an elective option available to students in Elementary Education, Middle Level Education, Special K-12, High School, Early Childhood, and Special Education programs. Course content and Clinical Experiences are individually designed in keeping with the specific Teacher Education program of the student.

The following includes both on and off-campus course work experiences in both school and non-school educational settings, and in agency activities: C&I 110—Introduction to Multicultural Education (3 hrs), C&I 232—Urban Education: An Introduction (3 hrs), C&I 312—Urban Field Experiences (6 hrs off campus), C&I 398—Professional Practice: School/Community Involvement (3 hrs), and C&I 332—Education in the Inner City (3 hrs).

SECONDARY EDUCATION

NOTE: It is recommended that students progress through the Professional Education requirements in the following order:

1. Begin the process leading to admission to Teacher Education. This may require more than one semester. See Index for Admission to Teacher Education details. Take the ETS PRAXIS I in reading, writing, and mathematics as soon as possible. There are no prerequisites for it.

Students must pass all sections of the ETS PRAXIS I (PPST) before they can register for C&I 216.

2. EAF 228 (Social Foundations), or EAF 231 (Introduction to Philosophy of Education), or EAF 235 (Historical Foundations), 3 hours.
3. PSY 215 (Educational Psychology), 3 hours.
4. C&I 214 (Secondary School Reading) and C&I 215 (Curriculum and Organization Issues in Secondary Schooling), 2 hours each.
5. C&I 216 (Secondary Education), 4 hours.
6. Special Methods course(s) and student teaching as required by each academic department. Check with the advisor in your major department for specific course numbers.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools, professional development schools, campus laboratory schools, agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Curriculum and Instruction Courses

104 INTRODUCTION TO EDUCATION 2 F,S
El Ed maj only. Not for cr if had C&I 254. Incl Clin Exp: 6 hrs, Type 1-4.

The study of contemporary teaching and schooling provides the foundation for becoming an educator.

110 INTRODUCTION TO MULTICULTURAL EDUCATION 3 F,S
Materials charge optional.

Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and the implications for programming at all levels.

130 INTRODUCTION TO EDUCATION OF THE YOUNG ADOLESCENT 1 F,S
First course in Middle Level Teacher Education Seq. Formerly INTRODUCTION TO EARLY ADOLESCENT EDUCATION.

Develops the distinctive role of young adolescent education in the public school, contrasted with elementary and senior high school education.

208 LITERACY I: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS 3 F,S
El Ed and SED maj only. Soph standing. 2.0 cum GPA; C&I 210 req. Not for cr if had C&I 255 and/or C&I 256. Incl Clin Exp: 5 hrs, Type 1-4.

Study about theory and practice in teaching reading and language arts at the elementary school level.

209 LITERACY II: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS 3 F,S
El Ed and SED maj only. C&I 208 req. 2.5 cum GPA. All sections of ETS PRAXIS I passed. Not for cr if had C&I 255 and/or C&I 256. Incl Clin Exp: 35-40 hrs, type 1-4-6-9-10.

Extends students' knowledge of literacy and the use of appropriate assessment measures and instrument strategies.

210 CHILD GROWTH AND DEVELOPMENT 3 F,S,Summer
Incl Clin Exp: 9 hrs, Exp Type 1-4. Soph standing.

Physical, social, emotional, and mental development of the child from conception through adolescence; methods of studying children and their behavior.

211 SEMINAR IN EDUCATION 3 F,S
El Ed maj only. C&I 208 and 209 req. Sr standing, 2.5 maj and overall GPA. Adm to Teacher Ed. Conc reg in C&I 211, 233.01, 257, 258, and EAF 228 or 231 or 235 req. Not for cr if had C&I 254.

Senior capstone seminar integrating aspects of teacher preparation in the study of contemporary school improvement issues and individual professional development.

214 SECONDARY SCHOOL READING 2 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed) only. 2.0 overall GPA. 45 hrs req. C or better in ENG 101 and COM 110 req.

Materials and techniques for supporting literacy in content areas.

215 CURRICULUM AND ORGANIZATION ISSUES IN SECONDARY SCHOOLING 2 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed) only. 2.0 overall GPA. 45 hrs req. C or better in ENG 101 and COM 110 req. Incl Clin Exp: 10-15 hrs, Type 1-4, 10.

Focuses on the social, economic, and political forces that influence the development, organization, and purposes of secondary schools.

216 SECONDARY EDUCATION 4 F,S,Summer
2.0 overall GPA. C or better in C&I 215 and PSY 215 req. The same 2-hr block free, daily, between the hours of 8 a.m. and 3 p.m. (8 a.m. and 12 noon during summer session) for the 2 to 3-week in-school field experience. All sections of ETS PRAXIS I passed. Incl Clin Exp: 55 hrs, Type 1, 2, 4, 5, 10.

Focuses on techniques used by teachers in all subject areas to plan, teach, and evaluate instructional units. Includes microteaching and classroom teaching.

218 INTERNSHIP IN BILINGUAL/ BICULTURAL EDUCATION 6 F,S
Placement in a bilingual classroom.

Internship in Bilingual/Bicultural Education at the elementary school level.

220 READING FOUNDATIONS 3 F,S
C&I 210 or PSY 112 or 215 req. Incl Clin Exp: 5 hrs, Type 1, 9, 10. Formerly READING METHODS.

Study of the reading strategies and reading process.

222 READING ASSESSMENT 3 F,S
C&I 220 or C&I 208 req; or Education or Psychology measurement rec. Incl Clin Exp: 5 hrs, Type 1, 2, 6, 9, 10. Formerly SURVEY OF READING DIAGNOSIS.

Study of the assessment of the reading process.

232 URBAN EDUCATION: AN INTRODUCTION 3 F,S
Formerly EDUCATION IN THE INNER CITY: AN INTRODUCTION.

Strategies for educating urban students.

233 MIDDLE LEVEL EDUCATION AND THE YOUNG ADOLESCENT 3 F,S
Middle Level Teacher Ed Maj only; C&I 130 or conc reg req. 2.5 overall and maj GPA req. C or better in ENG 101 and COM 110 req. All sections of ETS PRAXIS I passed. Incl Clin Exp: 20 hrs, Type 5. (Non-maj section- 233.01; cum GPA 2.0, maj GPA 2.0; C or better in ENG 101 and COM 110). Formerly EDUCATION AND THE EARLY ADOLESCENT.

Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents.

257 SCIENCE METHODS 3 F,S
El Ed maj only. Sr. standing. C&I 208 and 209 req, incl 1 lab course. Conc reg in C&I 233.01, 211, 258, and EAF 228 or 231 or 235 req. 2.5 maj and overall GPA. Adm to Teacher Ed. Incl Clin Exp: 35 hrs, Type 1-4 req. Materials charge optional.

Methods associated with effective K-9 science instruction. Emphasis placed upon activity-based instructional strategies.

258 SOCIAL STUDIES METHODS 3 F,S
El Ed maj only. Sr standing. C&I 208 and 209 req. Conc reg in C&I 233.01, 211, 257, and EAF 228 or 231 or 235 req. 2.5 maj and overall GPA. Adm to Teacher Ed. Incl Clin Exp: 35 hrs, Type 1-4.

Methods essential to effective K-9 social studies instruction. Focuses on current directions, research, and individual needs of diverse student populations.

270 ELEMENTARY SCHOOL CURRICULUM

4 F,S,Summer

SED 220 or conc reg req. Incl Clin Exp: 5 hrs, Type 1. Not for cr if El Ed maj.

Development of elementary school curriculum and classroom organization. Current teaching strategies and materials for language arts, science, and social studies.

281 CORE I EARLY CHILDHOOD

8 F,S

ECE maj only. Adm to Core rec. Overall and maj GPA 2.5. C or better in ENG 101 and COM 110. All sections of ETS PRAXIS I passed. Incl Clin Exp: 37 hrs, Type 1-5.

Study of child growth/development 0-8 years old, integrated with prekindergarten education and children's literature.

282 CORE II EARLY CHILDHOOD

8 F,S

ECE maj only. Conc reg C&I 314 rec. 2.5 maj and overall GPA. C&I 281 req. Incl Clin Exp: 45 hrs, Type 1-5. Formerly CORE II.

Study of early literacy/language instruction. Also integrated in Core II are music and drama methods for young children 0-8 yrs.

283 CORE III EARLY CHILDHOOD

8 F,S

ECE maj only. C&I 282 req; conc reg 331 rec. 2.5 maj and overall GPA. Adm to Teacher Ed req. Incl Clin Exp: 45 hrs, Type 1-5. Formerly CORE III. Materials charge optional.

Materials and methods of teaching art, mathematics, science, and social studies.

301 PREKINDERGARTEN EDUCATION

3 Summer

Not for cr if ECE maj. Incl Clin Exp: 18-20 hrs, Type 1-5. Formerly PREKINDERGARTEN EDUCATION PRINCIPLES AND PRACTICES.

Principles and practices of planning, teaching, and evaluating prekindergarten programs. Emphasizes the value of play, living-learning experiences, activities, and materials.

303 READING METHODS

3 F,S

C&I 220 req. Incl Clin Exp: 40 hrs, Type 1, 2, 9, 10. Formerly ADVANCED READING METHODS.

Supervised school experiences in assessment and instruction in reading.

304 EARLY LITERACY LEARNING

3 F,S

ECE maj/min only. Incl Clin Exp: 5 hrs, Type 1, 6, 9, 10. Formerly READING DEVELOPMENT FOR EARLY ELEMENTARY.

Study of early literacy learning and literacy instruction.

306 EARLY ADOLESCENCE LITERACY LEARNING

3 F,S

Incl Clin Exp: 20 hrs, Type 1, 6, 9, 10. Formerly READING DEVELOPMENT FOR EARLY ADOLESCENT.

Study of early adolescent literacy learning and instruction.

312 URBAN FIELD EXPERIENCE

6 Summer

Incl Clin Exp: 100 plus hrs, Type 1-4.

An off-campus, community-based experience in urban schools, local community agencies and state and private institutions serving youth.

314 LEARNING, ENVIRONMENTS, AND ASSESSMENT FOR YOUNG CHILDREN

3 F,S

ECE maj only. Conc reg C&I 282.

Study of how young children learn, their environmental surroundings and formal/informal assessment techniques for 0-8 yr.

319 STUDY OF BILINGUAL/BICULTURAL EDUCATION

3 F,S

Theory, research, and practice in bilingual/bicultural education.

320 BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION

3 F,S

Emphasizes the process of developing a bilingual program, and examines the alternatives available at each stage.

331 HISTORY AND PHILOSOPHY OF EARLY CHILDHOOD EDUCATION

3 F,S

Conc reg in C&I 283 req.

Emphasis given to major events and theories having an impact on Early Childhood Education in its contemporary form.

332 URBAN EDUCATION

3 Summer

Incl Clin Exp: 15-20 hrs, Type 1-4.

Problems of educating students living in inner city. Student characteristics, needed teacher skills and attitudes, instructional materials, techniques, school and community programs.

333 MIDDLE LEVEL CURRICULUM

3 F,S

Middle Level Teacher Education maj only or cons prog coord. C&I 233 req. 2.5 overall and maj GPA req. Conc reg C&I 390 and 395 req. Formerly JUNIOR HIGH/MIDDLE SCHOOL.

Curriculum designs, principles of curriculum development, and problems encountered by practitioners in early adolescent education.

351 SCIENCE METHODS FOR THE MIDDLE SCHOOL

3 S

Middle Level Teacher Education maj only or cons prog coord. C&I 233 req.

Strategies for teaching science which center around developing scientific literacy principles in the young adolescent child.

352 SOCIAL STUDIES METHODS FOR THE MIDDLE SCHOOL

3 F

Middle School maj only or cons prog coord. C&I 233 req. Incl Clin Exp: 10 hrs, Type 1-4.

Methods of social studies instruction for pre-service middle school teachers. Includes examination and use of instructional strategies and curriculum materials.

390 MIDDLE LEVEL STRATEGIES AND RESOURCES

3 F,S

Middle Level Teacher Education maj only or cons prog coord. C&I 233 or cons inst req. 2.5 overall and maj GPA req. Adm to Teacher Ed req. Incl Clin Exp: 60 hrs, Type 1-5. Conc reg C&I 333 and 395 req. Formerly JUNIOR HIGH/MIDDLE SCHOOL CURRICULUM.

Methods and materials for teaching-learning experiences at this school level; instructional strategies; classroom management; guidance techniques; and pupil evaluation.

395 CURRENT TOPICS AND ISSUES IN MIDDLE LEVEL EDUCATION 3 F,S

Middle Level Teacher Education maj only or cons prog coord. C&I 390 or conc reg req. 2.5 overall and maj GPA req. Conc reg C&I 333 and 390 req. Formerly CURRICULAR DESIGNS, EVALUATION AND PROBLEMS IN EARLY ADOLESCENT EDUCATION.

Philosophy, functions, curricula of young adolescent education as implemented in junior high/middle schools. Relationships between pupils' developmental characteristics, needs, and behaviors and development of school programs. Problems, issues, evaluation and accreditation of junior high/middle schools.

398 PROFESSIONAL PRACTICE: SCHOOL/ COMMUNITY INVOLVEMENT 2-6**EDUCATIONAL ADMINISTRATION AND FOUNDATIONS (EAF) 590**

331 DeGarmo Hall, (309) 438-5422

Web address: www.coe.ilstu.edu/eafdept

Chairperson: Patricia Klass

Tenure/Tenure-track Faculty:

Distinguished Professors: Hines.

Professors: Ashby, Klass, Palmer, Riegle, D. Strand, K. Strand, Vogt.

Associate Professors: Lugg, Lyman, Mogilka, Padavil.

Assistant Professors: Adkins, Ashton, Azinger, Boschini, Eckrich, Lin, Lomeli, McCluskey-Titus, Nur-Awaleh, Pifer, Rugutt, Wiggall.

General Department Information

The Department of Educational Administration and Foundations offers courses at the undergraduate level to facilitate Teacher Education programs. For a complete description of the Department's graduate program and offerings, consult the *Graduate Catalog*.

Educational Administration and Foundations Courses**228 SOCIAL FOUNDATIONS 3 F,S,Summer 60 hrs req.**

Education as a social process and function, social origins of contemporary educational problems.

231 INTRODUCTION TO PHILOSOPHY OF EDUCATION 3 F,S,Summer 60 hrs req.

Philosophical inquiry into educational policies and practices.

235 HISTORICAL FOUNDATIONS 3 F,S,Summer 60 hrs req.

Inquiry into the history of American public schooling.

SPECIAL EDUCATION (SED) 591

533 DeGarmo Hall, (309) 438-8980

Web address: www.coe.ilstu.edu

Chairperson: James Thompson

Assistant Chair: Cindy L. Lawson

Tenured/Tenure-track Faculty:

Professors: Bowen, Crowley, Lartz, Lian, Tucker.

Associate Professors: Angell, Bakken, De Mario, Fulk, Glenn, Hutchins, Thompson.

Assistant Professors: Bock, Watts.

General Department Information**MINOR IN DISABILITY STUDIES**

The Department of Special Education participates in the Minor in Disability Studies program. Course work offered by the Department contributes to this Minor. For further information, please consult the Department advisor as well as the section entitled, "Minor in Disability Studies" under University-Wide Curriculum in this *Undergraduate Catalog*.

Admission to Special Education Programs:

The undergraduate Special Education program is a selective admission program with a limited number of students admitted to each of the sequences. Students seeking admission to the Special Education program must be admitted to a sequence, although freshmen who are unsure of their sequence preference may be admitted to General Special Education for a limited time. All Special Education undergraduates must have declared their sequence prior to Admission to Teacher Education. An overall GPA of 2.50 is required for retention in all Special Education programs.

Changes in major or sequence will be approved only if the student meets established program admission requirements and if there are openings in the sequence the student desires to enter. Students seeking to change their major to Special Education should follow the procedures described in this *Undergraduate Catalog*.

Professional Requirements Applicable to All Special Education Programs:

In addition to meeting University requirements for graduation and Admission to Teacher Education requirements, all students in Special Education must successfully complete:

- 1) 27-hour core of courses, which includes the knowledge standards central to the profession of special education. These courses include: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228, 231 or 235. (All of these courses must be completed with a grade of "C" or better.)
- 2) Sequence-specified course and experience requirements (see below) with minimum cumulative and major grade point averages of 2.50.
- 3) Pre-student teaching experiences designed to meet professional performance standards. These experiences

include successful completion of a minimum of 7 semester hours through enrollment in appropriate sections of SED 245 (see sequence-specific requirements). Additional teaching or related experiences may be included as a part of core or specific sequence requirements or in remedial experiences. Performance evaluations in each of these experiences must recommend that the student advance to the next level of experience prior to doing so. *Students are responsible for housing arrangements and transportation to clinical sites.*

- 4) A full semester of Student Teaching (STT 399) for which teacher candidates are awarded 14 semester hours of credit. In order to be recommended for initial certification, candidates must demonstrate during this capstone experience that they have obtained competence in the knowledge, performance, and disposition areas designated by the profession of special education and this department. *Students are responsible for housing arrangements and transportation to student teaching sites.*
- 5) An individual student portfolio: Student Performance-Based Assessment Portfolio documenting that all requirements established by the Department of Special Education have been successfully met. This documentation includes multiple examples of evidence, gathered through courses and other experiences, of the acquisition of knowledge, performance, and disposition required of the profession. A current listing of portfolio requirements can be obtained from the department.

Special Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN SPECIAL EDUCATION

Core for All Majors:

- 27-hour core of courses which includes the knowledge standards central to the profession of special education. These courses include: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228, 231 or 235. (All of these core courses must be completed with a grade of "C" or better.)
- Completion of all required SED, C&I and EAF courses required for core and major with a grade of C or better.
- Designated SED 245 field experiences with appropriate proficiency levels.
- STT 399 Student Teaching 14 hours with appropriate proficiency levels.

Specialist in Deaf and Hard of Hearing Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Deaf and Hard of Hearing.

- 27 hours SED Core.
- 37 hours in required sequence-specific courses including SED 130, 230, 330, 340, 353, 354, 355, 359, 375; PAS 211, 349, 350, 351.
- 7 hours SED 245 field experiences: 245.08 (2 hr),

245.09 (2 hr), 245.10 (1 hr), 245.11 (2 hr).

- 14 hours student teaching.
- Admission to Teacher Education is required prior to these courses: SED 202, 203, 204, 245.08, 245.09, 245.10, 245.11, 354, 355, 359 and 375.
- Grade of C or better in all required SED, C&I, and EAF courses.
- Sequence-specific assessment: Passing score on communication proficiency interview prior to student teaching.

Specialist in Learning and Behavior Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Learning Behavior Specialist I.

- 27 hours SED Core.
- 24 hours required in sequence-specific courses including SED 377, 379, 382, 383, 384; C&I 209; Math elective.
- 12 hours SED 245 field experiences: 245.12 (4 hr), 245.13 (4/4hr).
- 14 hours student teaching.
- Admission to Teacher Education is required prior to these courses: SED 202, 203, 204, 245.12, 245.13, 383, 384.
- Grade of C or better required in all SED, C&I, and EAF courses.

Specialist in Low Vision and Blindness Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Visual Impairment.

- 27 hours SED core.
- 28 hours required in sequence-specific courses including SED 350, 351, 352, 356, 357, 358, 377, and 379; C&I 209.
- 8 hours SED 245 field experiences: 245.04 (1 hr/1hr/6hr).
- 14 hours student teaching.
- Admission to Teacher Education is required prior to these courses: SED 202, 203, 204, 245.04, 351, 356, 357, 358.
- A grade of C or better is required in all required SED, C&I, and EAF courses.
- Sequence-specific assessment: Braille proficiency tests.

Special Education Courses

101 THE EXCEPTIONAL LEARNER 3 F,S

Entry knowledge standards in special education foundations and characteristics of learners with disabilities. First course: SED Standards for All Educators.

130 AMERICAN SIGN LANGUAGE I 2 F,S

Lab experience req.

Introduce basic vocabulary, grammatical structure, and characteristics of American Sign Language. Examine application of American Sign language in social and educational settings.

201 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS I 3 F,S

SED 101 req. May incl Clin Exp: Approx 10-20 hrs.

Entry knowledge for instruction of exceptional learners. Includes collaborative instruction and modifications in practice. Second course: SED Standards for All Educators.

202 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS II 3 F,S

Adm to Teacher Ed and SED 201 req. Conc reg in SED 203. May Inc Clin Exp: Approx 10-20 hrs.

Special educator roles in planning and delivering instruction. General and special perspectives on P-12 curriculum, modifications of instruction, and collaborative practice.

203 MEASURING AND AFFECTING STUDENT ACADEMIC AND SOCIAL BEHAVIOR I 3 F,S

Adm to Teacher Ed and SED 201 req. Conc reg in SED 202. May Inc Clin Exp: Approx 10-20 hrs.

Teaching as a reflective process. Fundamentals of data-based instructional design; evaluation of instruction; formal, alternative, and curriculum-based assessment.

204 MEASURING AND AFFECTING STUDENT ACADEMIC AND SOCIAL BEHAVIOR II 3 F,S

Adm to Teacher Ed, SED 202 and 203 req. May Inc Clin Exp: Approx 10-20 hrs.

Teaching as a reflective process. Affecting individual and group academic and social behaviors using behavior analysis and change technologies.

223 EDUCATIONAL ASSESSMENT OF STUDENTS WITH MILD DISABILITIES (LD/BD/EMH) 3 F,S

PSY 234 req. Maj only or cons dept chair req. Adm to Teacher Ed req. Materials charge optional.

Techniques for gathering, analyzing and utilizing assessment data to develop individualized educational programs for mildly disabled children and youth.

230 AMERICAN SIGN LANGUAGE II 2 F,S

SED 130 or cons dept chair req. Lab experience req.

Expands vocabulary, grammatical structure, and characteristics of American Sign Language. Conversational usage in both receptive and expressive communication is stressed.

245 FIELD WORK IN SPECIAL EDUCATION 1-8 F,S

Adm to Teacher Ed or cons of dept chair req. May be repeated with cons of dept chair. Incl Clin Exp: 30-400 hours. Students responsible for transportation to sites and housing if needed. Prerequisites vary by Topic-see Registration Directory.

Supervised clinical experiences in programs serving persons with disabilities including schools, clinical facilities, community agencies, or residential institutions. Topic .01 Intro to MSMD; Topic .02 Teaching in MSMD; Topic .03 Best Practices in MSMD; Topic .04 Low Vision/Blindness; topic .05 Educ of S/PHC; Topic .06 EMH; Topic .07 LD/BD; Topic .08 Deaf and Hard of Hearing-Language; Topic .09 Deaf and Hard of Hearing-Speech; Topic .10 Deaf and Hard of Hearing-Reading and School Subjects; Topic .11 DHH Senior Practicum; Topic .12 Alternative Curriculum; Topic .13 Accessing General Curriculum.

255 LIFESTYLE ISSUES FOR PEOPLE WITH DISABILITIES 3 F

Also offered as KNR 255 and PSY 255.

Overview of psychological and cultural issues impacting the independence and quality of life of individuals with disabilities.

256 DISABILITY AND LAW 3 S

Also offered as KNR 256.

An analysis of legislation and public policy affecting the lives of individuals with disabilities.

330 ENGLISH SIGN SYSTEMS 3 F,S

SED 130, 230; lab req.

Examines the use of visual English systems in educational settings. Introduces basic school vocabulary and characteristics of English sign systems. Includes sign proficiency exam required for student teaching.

340 THE DEVELOPMENT OF LANGUAGE IN STUDENTS WHO ARE DEAF AND HARD OF HEARING 3 F,S

The study of the language development of children who are deaf and hard of hearing compared to normal language development.

343 MENTAL RETARDATION 3 F,S

Medical, psychological and sociological characteristics and behavior of individuals with mental retardation. Methods of classification, etiology and rehabilitative aspects.

346 EDUCATION OF STUDENTS WITH MILD MENTAL RETARDATION 3 S

SED 343 or cons dept chair req. Materials charge optional.

Objectives, curriculum, and methods for teaching individuals with mild cognitive disabilities.

350 INTRODUCTION TO VISUAL DISABILITIES 4 S

SED 101 or cons dept chair req. Incl Clin Exp: approx 10 hrs.

Impact of visual impairments on development; basic anatomy of the eye; types, causes, and educational implications of eye disorders; educational programming.

351 EDUCATION AND ASSESSMENT OF STUDENTS WITH VISUAL DISABILITIES 3 F

SED 350 and 356, or cons dept chair req. Adm to Teacher Ed req.

Application of educational diagnosis to educational programming and instruction of individuals with visual disabilities.

352 BRAILLE READING AND WRITING 3 F

Cons dept chair req. Materials charge optional.

Preparation in reading and writing using the Braille Literary Code. Includes an introduction to Braille Textbook Format.

353 EDUCATION OF STUDENTS WHO ARE DEAF AND HARD OF HEARING 3 F,S

SED 101 req. Incl Clin Exp: approx 10 hrs.

Psychological, social, historical, and educational issues relating to the education of individuals who are deaf and hard of hearing.

- 354 TEACHING LANGUAGE TO DEAF AND HARD OF HEARING STUDENTS** 3 F,S
SED 130, 230, 330, 353 or cons dept chair req. Conc reg in SED 245.08. Adm to Teacher Ed req.

Principles and techniques of developing and teaching language to deaf and hard of hearing students at all grade levels, K-12.

- 355 TEACHING SPEECH TO DEAF AND HARD OF HEARING STUDENTS** 3 F,S
SED 354 and PAS 211 or cons dept chair req. Conc reg in SED 245.09 req. Adm to Teacher Ed req.

Principles and techniques of developing and teaching speech to hearing impaired students at all grade levels, K-12.

- 356 ASSISTIVE AND INSTRUCTIONAL TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS** 4 S
Adm to Teacher Ed and SED 352 req. Materials charge optional.

Preparation in reading and writing using Nemath Code in teaching mathematics and communication skills to individuals with visual impairments.

- 357 ORIENTATION AND MOBILITY FOR CLASSROOM TEACHERS** 2 S
Adm to Teacher Ed req.

Practicum in basic daily living skills and rudimentary mobility techniques for individuals with visual disabilities.

- 358 READING AND LANGUAGE ARTS FOR STUDENTS WITH VISUAL DISABILITIES** 3 F
C&I 220 and 303; SED 350 and 352 req. Adm to Teacher Ed req. Formerly READING BY BRAILLE AND OPTACON.

Development of competencies to teach reading and language arts to students who use print, braille, and auditory media. Instructional techniques and materials emphasized.

- 359 TEACHING READING AND SCHOOL SUBJECTS TO DEAF AND HARD OF HEARING STUDENTS** 3 F,S
SED 354 req. Conc reg in SED 245.10 req. Adm to Teacher Ed req. Formerly THE TEACHING OF SCHOOL SUBJECTS TO DEAF STUDENTS.

Teaching reading and other core subjects to deaf and hard of hearing students at all grade levels.

- 363 FAMILY COUNSELING** 3 F,S
 Theories and techniques of child-management, consultation procedures, parent and family education, and counseling.

- 370 APPLIED BEHAVIOR ANALYSIS IN SPECIAL EDUCATION** 3 F,S
May Incl Clin Exp: approx 10-12 hrs, Type 1-4.

Procedures for determining individual behavioral needs, designing instructional sequences, implementing behavior change programs, and evaluating effects of programs for individuals with disabilities.

- 371 SYSTEMATIC INSTRUCTION FOR INDIVIDUALS WITH DISABILITIES** 3 F,S
SED 101 or 145 or equiv, SED 343; conc reg in SED 245.01 or cons dept chair req.

Classroom or program organization strategies, teaching methods, and materials for curriculum content areas appropriate for individuals with disabilities.

- 372 EDUCATIONAL ASSESSMENT OF INDIVIDUALS WITH DISABILITIES** 3 F,S

Application of diagnostic skills to the assessment of severely and profoundly disabled individuals, designing individualized programs, and evaluating client progress and program effectiveness.

- 373 FAMILY-PROFESSIONAL COLLABORATION** 3 F,S
SED 101 or 145 or cons dept chair req.

Theoretical and practical aspects of collaborating with professionals and with families of individuals with disabilities.

- 374 EDUCATIONAL ASSESSMENT OF PRESCHOOL CHILDREN WITH DISABILITIES** 3 F,S
SED 101 or 145 or cons dept chair req.

Techniques and issues involved in gathering, analyzing and synthesizing data for developing and monitoring individualized educational programs for preschool children with disabilities.

- 375 ASSESSMENT AND PLANNING FOR DEAF AND HARD OF HEARING STUDENTS** 3 F,S
SED 359, or conc reg req.

Examines assessment tools and techniques for developing an individualized educational program for students who are deaf and hard of hearing.

- 376 CURRICULUM FOR INDIVIDUALS WITH DISABILITIES** 3 F,S
SED 101 or 145 or equiv; conc reg in SED 245.02 or cons inst req. Adm to Teacher Ed req.

Analysis and implementation of curricular approaches related to characteristics and educational needs of individuals with severe and multiple disabilities.

- 377 COMMUNICATION STRATEGIES FOR INDIVIDUALS WITH DISABILITIES** 3 F,S
SED 101 or 145 or equiv req.

Issues, intervention strategies, and technologies that can impact the communication skills of individuals with disabilities.

- 378 INDIVIDUALS WITH PHYSICAL DISABILITIES AND/OR SPECIAL HEALTH CARE NEEDS** 3 F,S
SED 101 or 145 or equiv; conc reg in SED 376 or cons dept chair req. Adm to Teacher Ed req.

Understanding and application of characteristics, identification, and intervention strategies to the educational assessment, programming, and teaching of individuals with physical disabilities and/or special health care needs.

379 ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH DISABILITIES 3 F,S*SED 101 or 145 or equiv or cons dept chair.*

Overview of a wide range of assistive technology devices and services for individuals with disabilities. Demonstration of devices, laboratory experiences, and identification of funding sources.

380 TRANSITION FROM SCHOOL TO ADULT LIFE 3 F,S*Formerly EMPLOYMENT ANALYSIS FOR INDIVIDUALS WITH DISABILITIES. Materials charge optional.*

Examining postsecondary options, developing vocational/career education programs and synthesizing employment opportunities for individuals with disabilities.

381 STRATEGIES FOR PROMOTING SUCCESS IN INCLUSIVE SCHOOL AND COMMUNITY SETTINGS 3 F,S*SED 101 or 145 or equiv or cons dept chair req.*

Theories, practices, and social/environmental considerations of effective programming for learners with exceptionalities in general education settings, collaboration and consultation methods, classroom adaptations, and strategies for facilitating appropriate and social interactions.

382 CHALLENGING BEHAVIOR: ANALYSIS AND INTERVENTION 3 F,S*SED 204 or 370 req.*

Theoretical and practical application of functional behavior assessment and analysis, and functional, academic, and behavioral programming.

383 DEVELOPING AND IMPLEMENTING ALTERNATIVE CURRICULUM 6 F,S*Adm to Teacher Ed, SED 204 or conc reg and conc reg in SED 245.12 req.*

Analysis and application of curricular approaches, curriculum content, instructional methodology, and organizational strategies that support learners who seek non-academic outcomes.

384 STRATEGIES FOR ACCESSING THE GENERAL EDUCATION CURRICULUM 3 F,S*Adm to Teacher Ed req. Conc reg in SED 245.13 req.*

Analysis and application of curriculum, instruction, and organizational strategies effective for learners with disabilities who access general education curricula.



COLLEGE OF FINE ARTS

Dean: Roosevelt Newson, 116 Center for the Visual Arts.

Web address: www.arts.ilstu.edu

The primary function of the College of Fine Arts the Schools of Art, Music, and Theatre, and the program in Arts Technology is to provide professional education in the Arts for students desiring professional careers in select areas of the arts and for students preparing to be elementary, secondary, and college teachers. Various areas of concentration in undergraduate and graduate studies, including B.A., B.S., B.F.A., B.M., B.M.E., M.A., M.S., M.F.A., and M.M. programs, provide comprehensive and flexible curricula for a variety of student talents and interests. Among the individualized programs available are contract majors in such areas as Theatre Management and Musical Theatre. The College also provides a cultural environment through the performing and visual arts for the campus, community, and region.

Arts Technology Program

Director: Shari Zeck, 116 Center for the Visual Arts
(309) 438-8321

Degrees Offered: B.A., B.S.

MAJOR IN ARTS TECHNOLOGY

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements: All students must undergo a portfolio review and/or an interview with the Arts Technology Admissions Committee before being admitted into the program. The Committee will evaluate admission requests from new freshman, transfer students, or students undergoing a change of major at Illinois State University. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have completed the 11-hours Fine Arts Core and the 8-hours Arts Technology Core with grades of C or better, have met and continue to maintain a GPA of 2.5 from 300-level courses in Arts Technology curriculum with no grade less than a C, and have demonstrated competency through an intermediate portfolio review.

Academic Requirements: The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hrs): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121, or 126; and 6 hours from ART 155, 156; MUS 152; THE 100, 170 or 171 in two different Schools.

Arts Technology Core (8 hrs): This group of courses provides the student with a foundation of study in digital media and multimedia design: ART/MUS/THE 276; ART/MUS/THE 387; and ART/MUS/THE 350.

Additional Fine Arts Study (18 hrs): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the schools of ART, MUS, or THE:

ART: 6 hours in addition to the ART course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 235, 236, 356, 232, 233, 261, 262, 252, or 363 **OR**

MUS: 6 hours in addition to the MUS course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 203, 207, 265, 167, 175, 360, 205 or 305, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the School of Music for some of these courses **OR**

THE: 18 hours from THE 102, 110, 130, 160, 119 and 120, 101, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hrs): Select from the following courses after completion of the Fine Arts Core, the Arts Technology Core, and the Arts Technology intermediate portfolio review.

- 3 hours from MUS 353, 354, 388, or 301 with music topics: and
- 3 hours from ART 359, 301 with graphic topics, or ART/THE 388 with graphic or theatre design topics: and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor (ART/MUS/THE 206, ART/MUS/THE 301, and ART/MUS/THE 388 may be repeated with different topics or experiences): ART/MUS/THE 206; ART/MUS/THE 301; ART/MUS/THE 353; ART/MUS/THE 354; ART/MUS/THE 359; ART/MUS/THE 388; ART 351.24, 253, 351.85; or THE 367.

Capstone Experience in Arts Technology (3 hrs): Internship in Arts Technology (ART/MUS/THE 398.09 or comparable culminating experience in multimedia design as approved by the program advisor e.g. ART/MUS/THE 287 or ART/MUS/THE 206).

ART (ART) 562

119 Center for the Visual Arts, (309) 438-5621

Web address: <http://www.arts.ilstu.edu/art/>

Email address: isuart@ilstu.edu

Director: Ron Mottram.

Tenured/Tenure-track Faculty:

Distinguished Professors: Anderson, Butler.

Professors: Finch, Malone, Mottram, Walker.

Associate Professors: Appel, Archer, Blum, Bushell, Fisher, French, Iorio, Jackson, Johnson, Kukla, McKinney, Rankin, Suhr, Tannura, Wax.

Assistant Professors: Beckner, Douglas, Justis, Lee, Lieberman, MacDonald, Mai, O'Donnell, Patrick, Sacaridiz, Stewart, Stratigakos.

General School Information

The School of Art is accredited in Division I by the National Association of Schools of Art and Design and the National Council for Accreditation of Teacher Education.

Academic Requirements:

All incoming undergraduate students are initially enrolled in the B.A. or B.S. programs, depending on their interests. Those who wish to apply to the B.F.A. program do so no earlier than the second semester during their sophomore year. See below for further information on these degree programs and their requirements.

The School of Art expects regular class attendance and supports faculty members who choose to reduce course grades for lack of participation, including excessive absences.

HONORS IN ART

Art majors and B.F.A. candidates with superior academic records are invited to apply for admission to the School of Art Honors Program. Students successfully completing the Honors Program will receive the designation of Honors in Art in their field of study upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

The candidate must:

- Be a declared Art major or admitted to the B.F.A. program with at least 60 and not more than 90 hours of course work completed.
- Have a minimum 3.3 overall GPA;
- Have a minimum 3.5 School of Art GPA;
- Submit a letter of recommendation from a faculty member in the student's sequence (Studio Arts, Graphic

Design, Art History, Teacher Education, Art Therapy);

- Have demonstrated evidence of leadership by participating in student organizations or entering exhibitions or receiving recognition for written work;
- Submit a letter of application to the School of Art Honors advisor.

Honors Program Requirements:

- Successfully complete a minimum of 3 hours of School of Art honors courses each semester for a total of 12 honors hours prior to graduation (2 specific honors courses; 2 honors independent study—299 courses);
- Initiate and complete a research project or honors portfolio under the direction of a faculty member in the student's sequence;
- Maintain a 3.3 overall GPA;
- Maintain a 3.5 School of Art GPA;
- Receive no grade less than B in any Art course while enrolled in the program;
- Fulfill the general requirements for participation in the University Honors Program.
- **NOTE:** Once admitted to the School of Art Honors Program, the honors candidate will be advised by the School of Art honors advisor, who must approve the candidate's course of studies each semester.

Art Programs

Degrees Offered: B.A., B.S.

MAJOR IN ART

Academic Requirements

Students seeking admission to the Major in Art must comply with criteria established by the School of Art, including submission of a portfolio of work for review by the School. Students interested in the Art History Sequence will submit a statement explaining their interest in the field, in lieu of the portfolio. Specific requirements for the portfolio and statement may be obtained from the School office.

To graduate with a Major in Art (B.A., B.S.) students must complete all requirements of one of the School of Art's Sequences: Studio Arts, Graphic Design, Art History, Teacher Education or Art Therapy. They must also earn grades of C or better and maintain a 2.5 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.0. Individual sequences may have higher requirements. Courses in the Major may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the Major for which they earned lower than a C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School. Admission to some Sequences in Art may be restricted by the lack of available School resources, especially in times of oversubscription.

All Sequences in the Major in Art require successful completion of the Art History Core, the Foundations program appropriate to that Sequence, a series of courses specific to the chosen Sequence and electives in Art. Students must complete all Sequence Foundations courses before being permitted to continue in one of the Sequences in the Art major; gifted students may be allowed to take 200-level courses in their areas of interest during the freshman year, pending approval of the School. Students must also complete all Art History Core courses before they may enroll in 300-level Art History courses. Requirements for each Sequence are described below. NOTE: Some Sequences, Graphic Design for example, have screening procedures that students must pass before being accepted; information on these may be found in the School of Art office.

Students must make every effort to complete the required Foundations courses in their first three semesters in the program. Under most circumstances students will formally declare intention to enter a particular Sequence in the Art major in the second semester of the sophomore year. Students will arrange to participate in screening requirements for their preferred Sequence; those not accepted into competitive Sequences may be reconsidered the following semester and should consult with appropriate faculty for advice before rescreening. Also in the sophomore year, students will begin enrolling in courses appropriate to their Sequence of interest. In the case of the Studio Arts Sequence, this also requires declaring a specific Discipline Area in consultation with the School's academic advisor. Required courses for the various Disciplines are listed below.

Studio Arts Sequence:

Degrees offered: B.A., B.S.

The Studio Arts Sequence emphasizes both breadth and depth of competence in Studio-based Art disciplines. It expands students' horizons beyond the Foundations level with work in a variety of media and disciplines. By requiring intensive study, it develops depth within at least one Studio discipline (ceramics, drawing, fibers, glass, intaglio, lithography, metalwork and jewelry design, painting, photography, sculpture, video or wood). It likewise encourages exploration of new genres that break through traditional boundaries between disciplines and media. This sequence prepares students to work as visual arts professionals or pursue graduate studies.

- 54 hours in Art required as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Studio Arts Foundations: ART 103, 104, 109.
- 36 hours of Sequence requirements and electives in Art, which must include:
 - 1) at least 9 hours in the chosen discipline area, along with any other courses listed below as appropriate to that discipline;
 - 2) at least 12 hours at the 200-level in various media and disciplines, including the specific courses recommended for each discipline area listed below;
 - 3) either ART 379 or 385 and at least one additional 300-level Art History course in a pre-20th century period;
 - 4) at least 6 hours in 300-level Studio courses.

- NOTE: ART 201, 207, 211, 307, 309 do not count toward the Studio Arts Sequence.
- NOTE: 300-level courses within the various Discipline Areas may be repeated.

Discipline Areas in Studio Arts: Students in the Studio Arts Sequence will choose one of the following disciplines as a means of developing extended awareness and competence through intensive engagement in a particular area of the Studio Arts. The groups of courses shown below for each discipline include: (1) the courses required within that discipline (students will normally enroll in the initial course in the sophomore year), and (2) additional courses deemed appropriate for the discipline, which students are expected to include when selecting electives. These additional courses include Studio courses that fulfill the requirements for electives in Art noted above; they may also include non-Studio or non-Art courses that serve as general electives. Students are encouraged to consult with faculty members in their Discipline Areas for advice on choosing electives that will complement their individual interests.

Ceramics: ART 228, 229 and 328; 232 and 234; 213 and 3 hours from drawing, intaglio, lithography, painting, photography, or video.

Drawing: ART 213, 214, 313 and 331; 6 hours from ceramics, fibers, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246, and 261.

Fibers: ART 240, 241 and 340; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Glass: ART 255, 355 and 364; 232 and 3 hours from ceramics, fibers, metalwork and jewelry design, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Intaglio: ART 245, 345 and 347; 232 and 3 hours from ceramics, fibers, glass, metalwork and jewelry design or wood; 213 and 261.

Lithography: ART 246, 346 and 347; 232 and 3 hours from ceramics, fibers, glass, metalwork and jewelry design, sculpture or wood; 213 and 261.

Metalwork and Jewelry Design: ART 224, 225 and 324; 232 and 3 hours from ceramics, glass, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Painting: ART 261, 262, 360 and 361; 6 hours from ceramics, fibers, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246; and 213.

Photography: ART 235, 236, 335, 383, and 6 hours from 252, 253, 333, 351.16, 356, 358; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 3 hours from drawing, intaglio, lithography, painting or video.

Sculpture: ART 232, 233 and 332; 228 and 3 hours from ceramics, fibers, glass, metalwork and jewelry design or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Video: ART 252, 253 and at least 3 hours of 351.84; 235 and 276; 6 hours of other electives chosen in consultation with Video faculty and according to whether students' interests in Video tend toward (A) narrative, (B) installation, or (C) multimedia/digital applications. Recommended electives for these applications include: (A) ART 236, 349, 354, 356, THE 153, 170, 261, 370; for (B) ART 232, 349, 354, THE 170, 261, 370; for (C) ART 206, 301, 349, 350, 354, 356, 388, THE 261.

Wood: Art 234, 344 and 351.45; 232 and 3 hours from ceramics, fibers, glass, metalwork and jewelry design, glass or sculpture; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Restricted Admission to a Discipline Area: In times of oversubscription and limitations on resources within the School of Art, some Discipline Areas may require faculty screening of students' supportive materials before allowing individual students to enroll in the second course in that Discipline.

Graphic Design Sequence:

Degrees offered: B.A. B.S.

The Graphic Design Sequence includes education in the fundamentals of Studio Art and Art History, but also a concentrated program of study that prepares students to enter the competitive field of Graphic Design.

- 54 hours in Art required, as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Graphic Design Foundations: ART 103, 104, 109.
- 36 hours required sequence courses: ART 226, 227, 235, 302, 315, 316, 323, 326, 336, 337; 3 hours from 213, 245, 246, 252, 261, 359, 388; 3 hours from any 300-level Art History course.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Graphic Design Sequence. ART 316 does not count as a 300-level Art History elective.

Admission-Retention Requirements for the Graphic Design Sequence:

Students will be admitted to the Graphic Design Sequence who have completed the Graphic Design Foundations and ART 226, be enrolled in or have completed ART 227 at the time of screening, have at least a cumulative and major 2.5 GPA, and have demonstrated competency through a portfolio review. The number of students admitted may vary depending on program capacity and qualifications of applicants in the pool. Consult the School of Art for further information on admission to the Graphic Design Sequence.

Students will be allowed to remain in the Graphic Design Sequence if they continue to maintain a cumulative and major 2.5 GPA. Students whose cumulative or major GPA falls below 2.5 will not be allowed to register for Graphic Design courses until the GPA has been raised to a 2.5 or higher.

Art History Sequence:

Degree offered: B.A.

The Art History Sequence provides students a solid grounding in the history of art on both introductory and advanced levels. In addition, the sequence includes exposure to related disciplines outside the visual arts, training in foreign language, and experience in advanced research and writing skills. Together, these requirements prepare students for effective graduate work in Art History or other fields and for positions in a variety of art- and non-art-related fields.

- 39 hours in Art required, as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 6 hours Art History Foundations: ART 140, 290.
- 24 hours required sequence courses: 24 hours of 300-level Art History courses, including ART 395 and at least 1 course from each of the following 4 broad historical periods:
 - I. Ancient/Medieval: ART 366, 367, 368, 369.
 - II. Renaissance/Baroque: ART 375, 376, 377.
 - III. Modern/Contemporary: ART 372, 378, 379, 383, 385.
 - IV. American: ART 380, 381, 382.
- 21 hours required in other Departments: ENG 145; HIS 101, 102; and a minimum of 3 semesters (12 hours) French, German, Italian or Spanish.
- At least 15 additional hours electives, including 9 hours required in courses related to Art History offered by the following departments/schools: Anthropology, English, Foreign Languages, History, Music, Philosophy, Theatre. Students are encouraged to consult with Art History faculty for advice on choosing electives in Art History and in other departments that will complement their own areas of interest. Faculty are also available for consultation on preparing for graduate school.
- **NOTE:** ART 201, 207, 211, 307, and 309 do not count toward the Art History Sequence.
- **NOTE:** Students may combine Art History and Studio by declaring a second Sequence in Studio Arts and fulfilling all requirements for both sequences. This will include submitting a portfolio of art work for admission.

Admission-Retention Requirements for Art History Sequence:

Students will be admitted to the Art History Sequence who achieve grades of B or better in ART 155, 156 and 257, then pass the sequence screening requirements. See the School of Art office for more information on screening requirements. Students will be allowed to continue in the sequence if they maintain a minimum cumulative and major GPA of 2.5.

Teacher Education Sequence:

Degree offered: B.S.

The Teacher Education Sequence is a program that emphasizes a comprehensive approach that supports state and national student learning standards and teaching performance standards in the visual arts. Also stressed are creative and critical thinking, studio techniques, understanding the learner and developing skills to become an

effective teacher. Students completing this sequence are eligible to apply for K-12 teaching certification in art in the State of Illinois.

- 83 hours in Art and Professional Education required. Part of entitlement program leading to certification: Special K-12. All Art majors planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Grades of C or better in all Art and Education courses, and a 2.8 cumulative and major GPA are required for admission and retention in this sequence. Continuation in the Teacher Education Sequence will be determined early in the ART 211 semester, when students will be required to have an interview with Art Education faculty, submit a portfolio of work and demonstrate technological proficiency.
- 57 hours in Art required, as follows:
- 9 hours Art History Core: 155, 156, 257.
- 9 hours Teacher Education Foundations: ART 103, 104, 109.
- 33 hours required sequence courses: ART 201, 211, 307, 309 (2 consecutive semesters starting in the fall); ART 213, 228, and 261; 3 hours from ART 224, 232, 240, 255; either ART 379 or 385 and at least one additional Art History course from 100-, 200-, or 300-level--ART 140 is strongly recommended.
- 6 hours Art electives, that must be taken in a single discipline.
- 26 hours Professional Education requirements: C&I 214, 215, 216; PSY 215; EAF 228 or 231 or 235; STT 399 (12 hours - entire semester experience).

NOTE: All Teacher Education students are required to pass the ETS PRAXIS I in reading, writing, and mathematics before registering for C&I 216 and ART 309. For this reason, students should take the ETS PRAXIS I (fee required) as early as possible.

The sequence in Teacher Education may also be combined with a Sequence in Studio Arts, Graphic Design, Art History or Art Therapy. Pursuing a double sequence may require additional semesters. However, this option is strongly recommended to prepare students better for teaching art in the public schools of today. See catalog copy under the other sequences for further information, including Discipline Areas within the Studio Arts.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Art Therapy Sequence:

Degree offered: B.S.

The Art Therapy Sequence includes the prerequisite course work necessary to pursue master's level study in Art Therapy, which is the entry level of training established by the American Art Therapy Association.

- 52 hours in Art required as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours in Art Therapy Foundations: ART 103, 104, 109.
- 34 hours required Sequence courses: ART 201, 211, 213, 228, 261, 307, 308, 310, and 4 hours 398.12; 3 hours in 300-level Art History; 3 hours from ART 229, 232, 234, 262.
- 24 hours required courses outside the School of Art:
 - 12 hours Psychology: PSY 113, 232, 346, and either 347 or 350;
 - 3 hours Family and Consumer Science: FCS 364;
 - 9 hours electives from: CJS 101, 206; FCS 310; PSY 123, 301, 302, 303, 304; SED 101, 130.

Admission-Retention Requirements for the Art Therapy Sequence:

A minimum 2.8 cumulative and major GPA, a portfolio review, and interview will be required for admission to the Sequence in Art Therapy. Application should be made the spring semester of the sophomore year. To remain in the sequence, students must maintain a cumulative and major GPA of at least 2.8.

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

MINOR IN ART

Art History Sequence:

- 24 hours in ART required, as follows:
- 12 hours required courses: ART 140, 155, 156, 257.
- 12 hours of electives in 300-level Art History courses, as follows: ART 351.30, 366, 367, 368, 369, 372, 375, 376, 377, 378, 379, 380, 381, 382, 383, 385, 395, and 398.08.

Teacher Education Sequence:

- 24 hours in Art required, as follows:
- 9 hours required courses: ART 103, 104, 109.
- 3 hours from ART 155, 156, 257.
- 3 hours of ART 309.
- 3 hours of ART 201 or 211.
- 6 hours of Art courses from 213, 224, 226, 228, 232, 234, 235, 252, 255, 261.

Provides appropriate requirements for teaching art for individuals who hold an elementary or a secondary teaching certificate.

Art Programs

Degree offered: B.F.A.

The Bachelor of Fine Arts (B.F.A.) degree program is a highly selective program oriented toward advanced professional study in the studio arts. Students accepted into this program have additional opportunities beyond those of the B.A./B.S. programs to specialize in a particular studio art discipline in preparation for graduate study for the M.F.A., the terminal degree program in this field, and/or careers in professional art fields. Further information on the B.F.A. program can be found in the School of Art office.

MAJOR IN ART

- 83 hours in Art required as follows:
- 9 hours in Art History Core: ART 155, 156, 257.
- 9 hours B.F.A. Foundations: ART 103, 104, 109.
- 20 hours required courses: 6 hours from ceramics, metalwork & jewelry design, glass, sculpture, wood; 6 hours from drawing, intaglio, lithography, painting, photography, video; ART 349, 363, and 394.
- 12 hours advanced Art History: ART 379 and 385 and any two additional 300-level Art History courses, at least one of them in a pre-20th century period.
- 33 additional hours in a specialization in any Discipline Area offered by the School and selected in consultation with the faculty mentors. (See list of Discipline Areas above, under Major in Art (B.A., B.S.), Studio Arts Sequence, in this *Undergraduate Catalog*.) A specialization that combines Discipline Areas may also be developed in consultation with and must be approved by faculty mentors and the B.F.A. Committee of the School of Art.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the major.

Admission-Retention Requirements for the B.F.A.

Students may apply to the B.F.A. Degree program beginning in their sophomore year. Students seeking admission to the B.F.A. program must have a minimum 3.0 cumulative and major GPA and must submit a portfolio of creative work to the School of Art for the competitive portfolio review that is part of the admission process. Further information on admission requirements for the B.F.A. program is available from the School's undergraduate academic advisor. Students will be allowed to remain in

the program if they maintain a minimum cumulative and major GPA of 3.0.

To graduate with a B.F.A., all students are also required to organize and present a solo exhibition of their work during the final year. This exhibition must be accompanied by a public oral presentation, an exit portfolio and a written supportive statement approved by the student's B.F.A. faculty mentors.

Art Courses

The School of Art reserves the right to keep for demonstration and exhibition examples of work done by students for course requirements.

**100 INTRODUCTORY
ART WORKSHOP****3 F,S**

Not for cr Art maj/min. Materials charge optional.

Creative problem-solving and aesthetic analysis. Art experiences including drawing, painting, printmaking, and sculpture as well as attending art exhibits.

**101 ART EXPERIENCES FOR
ELEMENTARY SCHOOLS****2 F,S**

Not for cr Art maj/min. Clin Exp: 1-5 hrs. May Incl Clin Exp: Types 1-7 and 9. Materials charge optional.

Introduction to 2- and 3-dimensional materials and procedures appropriate for elementary art learning experiences; understanding the developmental stages of child art.

**103 VISUAL THINKING:
2-D FUNDAMENTALS****3 F,S**

Materials charge optional. Formerly 2-D FUNDAMENTALS.

Concepts fundamental to all studio offerings. Exploration of elements and principles of visual language. Development of visual and conceptual ideas.

**104 VISUAL THINKING: DRAWING
FUNDAMENTALS****3 F,S**

Materials charge optional. Formerly DRAWING FUNDAMENTALS.

Concepts fundamental to all studio offerings. Emphasis on direct observation, developing pictorial space and drawing concepts, practiced with traditional materials.

**109 VISUAL THINKING:
3-D FUNDAMENTALS****3 F,S**

Materials charge optional. Formerly 3-D FUNDAMENTALS.

Concepts fundamental to all studio offerings. Use of a variety of materials to explore fundamental 3-dimensional design concepts. Introduction to the use of hand and power tools.

**140 INTRODUCTION TO THE ARTS
OF THE AMERICAS, AFRICA, AND
THE SOUTH PACIFIC****3 S**

A cross-cultural introduction to the arts of historic North America, Mesoamerica, Sub-Saharan Africa, and the South Pacific.

155 SURVEY OF ART I**3 F,S**

Arts from prehistoric times to end of Medieval period, circa 1400.

156 SURVEY OF ART II 3 F,S

Art and architecture in Western Europe from the late Middle Ages through the 18th century.

176 ARTS AND SOCIETY:**VISUAL ARTS OC-DKCC/FA 3 F,S**
IDS 100; ENG 101; COM 110 req.

Examination of the relationship between the visual arts and their political/social culture.

183 PUPPETRY 3

Also offered as THE 183.

Introduction to the performance art of puppetry and its educational applications: history, staging, construction and manipulation of hand, rod, and shadow puppets.

201 MEDIA, TECHNIQUES AND INQUIRY FOR ELEMENTARY AND MIDDLE LEVEL SCHOOLS 3 F

ART 103, 104, 109 req. Art Ed maj only or cons School req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.

Media, techniques, and inquiry suitable for elementary and middle level schools.

205 ART FOR THE CLASSROOM TEACHER 2 F,S

El Ed maj only. Jr standing. Overall GPA 2.5 req. Materials charge optional.

Theoretical, practical and experiential learning for developing awareness, knowledge and skills for future classroom teachers.

206 COMPUTER ARTS PERFORMANCE STUDIO 1-3 F,S,Summer
Cons instr req. May be repeated if cont different. Also offered as MUS/THE 206.

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 ART FOR SPECIAL EDUCATION 3 F,S
For Specialized Educational Development students. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-7, and 9. Materials charge optional.

Theory and methods of teaching art experiences, focus on application for students with special needs.

211 MEDIA, TECHNIQUES AND INQUIRY FOR SECONDARY SCHOOLS 3 S

ART 103, 104, 109 req; Teacher Ed or Art Therapy Seq only or cons School req. C or better in ART 201 req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.

Media, techniques and inquiry suitable for secondary schools.

213 LIFE DRAWING I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.

Introduction to drawing the human figure from direct observation. Anatomical structure, pictorial structure and expression. Discussion and critiques.

214 DRAWING COMPOSITION 3 F,S
ART 103, 104, 109, 213 req, or cons inst and School. Materials charge optional.

Expanded concepts of drawing, alternative forms of imaging, contemporary issues and related formal concerns. Readings, discussion and critiques.

224 METALWORK AND JEWELRY DESIGN I 3 F,S

ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.

Introduction to the tools, techniques, and fabricating processes used for creating in metals.

225 METALWORK AND JEWELRY DESIGN II 3 F,S

ART 103, 104, 109, 224 req. Materials charge optional.

Further exploration of fabrication and casting techniques; emphasis on surface treatment such as *repousse*, etching, lamination, and inlay.

226 GRAPHIC DESIGN I 3 F,S

ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.

Basic graphic design techniques. Includes study of letter forms and design procedures. Practice in rendering skills

227 GRAPHIC DESIGN II 3 F,S

ART 103, 104, 109, 226 req. Materials charge optional.

Application of design techniques to visual communications media. Emphasis on combining lettering with illustrational elements in preparation for reproduction processes.

228 CERAMICS I 3 F,S

ART 103, 104, and 109 req or cons inst and School. Materials charge optional.

Introduction to the physical characteristics of clay. Basic hand building and firing processes explored. Introduction to glaze processes.

229 CERAMICS II 3 F,S

ART 103, 104, 109, 228 req. Materials charge optional.

An expansion of hand building methods and the introduction of wheel-throwing techniques. Glazing and firing methods emphasized.

232 SCULPTURE I 3 F,S

ART 103, 104, and 109 req or cons inst and School. Materials charge optional.

Exploration of sculpture techniques and materials within context of historical developments. Introduction to 3-dimensional spatial concerns.

233 SCULPTURE II 3 F,S

ART 103, 104, 109, 232 req. Materials charge optional.

Further exploration of sculpture techniques and materials. Advanced 3-dimensional spatial concerns presented within a context of art historical development.

234 WOOD I 3 F,S

ART 103, 104, 109 req or cons inst and School. Formerly WOOD DESIGN I.

Studio course exploring wood as a design medium.

235 PHOTOGRAPHY I 3 F,S

ART 103, 104, and 109 req, or cons inst and School.
Materials charge optional.

Photography as an art form.

236 PHOTOGRAPHY II 3 F,S

ART 103, 104, 109, 235 or cons inst req. Materials charge optional.

Further study of photography as an art form. Individual exploration of techniques and subjects.

240 FIBERS I 3 F,S

ART 103, 104, and 109 req, or cons inst and School.
Materials charge optional.

Introduction to weaving as an art form. Emphasis on technical and aesthetic development of fiber concepts using a variety of loom-controlled and non-loom-controlled structures.

241 FIBERS II 3 F,S

ART 103, 104, 109, 240 req. Materials charge optional.

Builds on the foundation of technical and aesthetic concepts presented in ART 240. Processes such as spinning, dyeing, and complex loom-controlled structures will be explored.

245 INTAGLIO I 3 F,S

ART 103, 104, and 109 req or cons inst and School.
Materials charge optional.

Introduction to intaglio processes. Techniques such as etching, engraving, dry point, and aquatint within context of pictorial spatial understanding.

246 LITHOGRAPHY I 3 F,S

ART 103, 104, and 109 req or cons inst and School.
Materials charge optional.

Introduction to lithographic processes. Techniques on stone and aluminum plates with airbrush, crayon, and tusche drawing within context of pictorial spatial understanding.

252 VIDEO I 3

ART 103, 104, 109, or cons inst and School req. Materials charge optional. Formerly VIDEO ART I.

Video as a creative medium emphasizing experimental, narrative and nonnarrative production; screenings of video art, film and television.

253 VIDEO II 3

ART 103, 104, 109, 252 req. Materials charge optional.
Formerly VIDEO ART II.

Video as a creative medium emphasizing digital editing and multimedia as well as conceptual and formal strategies for personal expression.

255 GLASS I 3 F,S

ART 103, 104, and 109 req, or cons inst and School.
Materials charge optional.

An introduction to the use of glass as an artist's material, concentrating on "hot-forming" processes.

257 SURVEY OF ART III 3 F,S

The major developments in European painting, sculpture, and architecture from the Romantic period, circa 1775, to the present.

261 PAINTING I 3 F,S

ART 103, 104, and 109 req, or cons inst and School.
Materials charge optional.

Experimental work with variety of transparent and opaque painting media.

262 PAINTING II 3 F,S

ART 103, 104, 109, and 261 req. Materials charge optional.

Problems of pictorialization and survey of contemporary trends in painting.

275 WORLD ARTS: VISUAL ARTS**OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req; MC-LH category req.
Not for cr if had ART 140.

Studies in the visual arts of cultures other than the United States mainstream and Western Europe.

276 BASIC SKILLS IN THE**DIGITAL ARTS 2 F,S,Summer**

Fine Arts maj/min or cons inst req. Also offered as MUS/THE 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

290 ART HISTORY RESEARCH AND PROFESSIONAL SKILLS**3 F,S**

ART 140, 155, 156 and 257 or cons inst and School req.

An introduction to the discipline focusing on research skills, methods of art historical inquiry and professional practice.

301 COMPUTER ARTS APPLICATIONS**1 F,S,Summer**

Cons inst req. May be repeated if cont different. Also offered as MUS/THE 301.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

302 GRAPHIC DESIGN FOR THE WEB 3 F,S

ART 103, 104, 109, 226, 227, and 326 req.

Graphic Design studio course introducing students to the concerns and design issues appropriate to web environments.

307 ART FOR ATYPICAL INDIVIDUALS 3 S

ART 103, 104, 109 req; Art Teacher Ed or Art Therapy Sequence, cons School req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, 6 and 9.

Various approaches to the development and conduct of appropriate art experiences in school and community programs for the atypical individual.

308 ART THERAPY:**HISTORY AND PRACTICE 3 S**

ART 103, 104, 109 and Junior standing req. Materials charge optional.

Overview of art therapy from prehistoric origins to contemporary issues. Exploration of art therapy practices and career options.

- 309 PROFESSIONAL ART EDUCATION SEQUENCE** 3 F,S
 ART 103, 104, 109 req; C or better in C&I 216 or conc reg req. C or better in ART 201 and 211 or cons School req. Complete all req for admission to Teacher Ed including passing all 3 parts of the PPST. Art Ed maj only; others by cons School. Must be repeated by Art Ed maj for total of 6 hrs. 2 consecutive sem seq starting in fall. Incl Clin Exp: 20 hrs. May Incl Clin Exp: Types 1-4, 6 and 9.

Sequential semesters focus on art learning theory, teaching methodology, and pre-student teaching clinical experiences in Art Education K-12.

- 310 ART THERAPY METHODS AND INTERVENTIONS** 3 S
 ART 103, 104, 109, 201, 211, 308, FCS 364 req. Materials charge optional.

Art therapy methods and interventions appropriate for children, adolescents and adults in a variety of settings.

- 313 LIFE DRAWING II** 3 F,S
 ART 103, 104, 109, and 214 req. Materials charge optional.

Advanced study of the human figure as subject. Emphasis on concepts of figuration and media exploration. Reading and participatory critiques.

- 315 TOPICS IN GRAPHIC DESIGN** 3 F,S
 ART 103, 104, 109, 227 req. May be repeated if different topic.

Studio/seminar course covering special topics related to Graphic Design.

- 316 GRAPHIC DESIGN HISTORY** 3 F
 ART 257 req. Does not fulfill program req for 300-level Art History credit.

History of Graphic Design with an emphasis on movements, significant figures and technological advancements in the field since 1850.

- 323 TYPOGRAPHY** 3 F,S
 ART 103, 104, 109, 227 req. Materials charge optional.

Advanced course which emphasizes the practical and aesthetic concerns of typography as a means of communication and visual expression.

- 324 METALWORK AND JEWELRY DESIGN III** 3 F,S
 ART 103, 104, 109, 225 req. Materials charge optional.

Advanced metalworking with an emphasis on volume and color, including raising, *repoussé*, forging, and various enameling techniques.

- 325 ADVANCED METALWORK AND JEWELRY DESIGN** 3 F,S
 ART 103, 104, 109 and 324 and cons inst req. Materials charge optional.

Elaboration upon metalworking skills previously acquired, allowing development of a strong personal direction.

- 326 GRAPHIC DESIGN III** 3 F,S
 ART 103, 104, 109, 226, 227 and acceptance into Graphic Design Sequence req. Materials charge optional.

Transition course using skills, techniques, concepts learned earlier, applying them to problems of contemporary expression. Preparation to study independently.

- 328 CERAMICS III** 3 F,S
 ART 103, 104, 109, 229 req. Materials charge optional.

Experiences in wheel and hand building processes with an emphasis on individual exploration of ideas through ceramic media.

- 331 ADVANCED DRAWING** 3 F,S
 ART 103, 104, 109, and 214 req.

Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation to study independently.

- 332 SCULPTURE III** 3 F,S
 ART 103, 104, 109, 233 req. May be repeated. Materials charge optional.

Individualized problems exploring techniques, concepts encountered earlier, now applied to problems of contemporary expression. Preparation to study independently.

- 333 TOPICS IN ADVANCED PHOTOGRAPHY** 3 F
 ART 103, 104, 109, 155, 156, and 236 or cons inst req. Materials charge optional.

Advanced photography course focusing on different topics each semester. Seminar format with topics relating to assigned studio work. May be repeated if content differs.

- 334 TOPICS IN ADVANCED SCULPTURE** 3 F
 ART 103, 104, 109, 232, 233, 332 or cons inst and School req. Materials charge optional.

Advanced sculpture course focusing on a different topic each semester. Seminar format with topics relating to assigned studio work.

- 335 PHOTOGRAPHY III** 3 F,S
 ART 103, 104, 109, 236 req. Materials charge optional.

Advanced problems in photography as an art form. Emphasis upon individual exploration of the medium. Preparation to study independently.

- 336 GRAPHIC DESIGN IV** 3 F,S
 ART 103, 104, 109, 326 req. Materials charge optional.

Advanced studio work exploring design techniques applied to advertising, packaging, and display media.

- 337 GRAPHIC DESIGN V** 3 F,S
 ART 103, 104, 109, 336 req. Materials charge optional.

Advanced Graphic Design course focusing on portfolio preparation and professional self-promotional presentation skills.

- 340 FIBERS III** 3 F,S
 ART 103, 104, 109, 241 req. Materials charge optional.

Advanced work based on technical, aesthetic concepts presented in ART 240, 241, emphasizing individualized projects designed in consultation with instructor.

344 WOOD II 3 F,S*ART 103, 104, 109, 234 req.*

Studio exploration of wood as a medium of personal expression.

345 INTAGLIO II 3 F,S*ART 103, 104, 109, 245 req. Materials charge optional.*

Further study of intaglio processes with greater emphasis on intaglio as an expressive medium. Introduction to color possibilities.

346 LITHOGRAPHY II 3 F,S*ART 103, 104, 109, 246 req. Materials charge optional.*

Further study of lithographic processes with greater emphasis on lithography as an expressive medium. Introduction to color possibilities.

347 ADVANCED PRINTMAKING 3 F,S*ART 103, 104, 109, 345 and 246, or 346 and 245 req.**Materials charge optional.*

Advanced study of printmaking. Emphasis on contemporary printmaking issues related to content, directions in printmaking, and exploration of all print media.

349 VISITING ARTIST SEMINAR 2 F,S*Art maj or cons inst req. May be repeated.*

A seminar-type class, taught by visiting artists and members of the Art Department faculty, focusing upon contemporary issues of fine arts and the creative process.

350 SOFTWARE DESIGN IN THE ARTS II 3 S*ART/MUS/THE 387 or cons inst req. Also offered as MUS/THE 350.*

Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

351 SPECIAL PROJECTS IN ART 2-6 F,S*ART 103, 104, 109, Art maj and cons inst req. May be repeated. May Incl Clin Exp: Type 1-4, 6, 8, and 9. Materials charge optional.*

Special projects in any area in Art, chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses.

352 RENDERING FOR INTERIOR DESIGNERS 3 F,S*Not for cr Art maj/min. TEC 211 and FCS 242, or ART 103 and 104, or cons inst req. Also offered as FCS 352.*

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations.

353 COMPUTER MUSIC NOTATION 3 S*Cons inst req. Also offered as MUS/THE 353.*

Study of computer-based music printing and an introduction to MIDI for note entry and proof reading of musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S*Cons inst req. Also offered as MUS/THE 354.*

Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

355 GLASS II 3 F,S*ART 103, 104, 109, 255 and cons inst and School req. Materials charge optional.*

Advanced class further exploring glass as an artist's material and addressing the application of color and "warm" glass processes.

356 COLOR PHOTOGRAPHY 3*ART 103, 104, 109, 236 or 335 and cons inst req. Materials charge optional.*

An introduction to basic color photography techniques with an emphasis on color photography as a fine art medium.

358 SOCIAL DOCUMENTARY PHOTOGRAPHY 3 F,S*Cons inst req.*

Studio practice in social documentary photography. An examination of the artist's role as social observer and documentarian.

359 COMPUTER-BASED ART AND GRAPHIC DESIGN 3 F,S*ART/MUS/THE 276 or cons inst req. Also offered as THE 359. Materials charge optional.*

Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

360 PAINTING III: NON-REPRESENTATIONAL ABSTRACTION 3 F,S*ART 103, 104, 109, 262 req. Materials charge optional. Formerly ART 263.*

Introduction to abstraction, forming content through non-representational imagery. Possible inclusion of digital imagery. Reading and participatory critiques.

361 PAINTING IV 3 F,S*ART 103, 104, 109, and 263 or 360 req.*

Transitional course. Students encouraged to explore personal directions in close consultation with instructor. Preparation for study on an independent basis.

362 AQUEOUS MEDIA 3 S*ART 103, 104, 109, 261 req. Formerly WATER-COLOR I. Materials charge optional.*

Watercolor as an expressive medium. Techniques and study of masters of watercolor; emphasis on creating pictorial space by illusion, color, and the use of transparency.

363 COLOR THEORY 3 F*ART 103, 104, 109 req.*

Theoretical and historical premises for making work organized by color, emphasizing interaction of surface color and light.

364 ADVANCED GROUP STUDIES IN GLASS 3 F,S*ART 103, 104, 109, 255 and 355 or cons inst req. Materials charge optional.*

A studio/seminar format class, dealing with image/object realization, and the development of greater verbal, written and visual articulation skills.

366 ART OF THE ANCIENT NEAR EAST 3*ART 155, 156, 257 or cons inst and School req.*

Art and architecture of early civilizations of Egypt, Mesopotamia, and peripheral areas from circa 8000 B.C. to circa 300 B.C.

- 367 GREEK ART** 3 F
ART 155, 156, 257 or cons inst and School req.
 Greek art and architecture from circa 1500 B.C. through the Hellenistic period.
- 368 ROMAN ART AND ARCHITECTURE** 3 S
ART 155, 156, 257 or cons inst and School req.
 Roman art and architecture in Italy and the provinces from the late Republic through the early 4th century A.D.
- 369 HISTORY OF MEDIEVAL ART AND ARCHITECTURE** 3
ART 155, 156, 257 or cons inst and School req.
 Art and architecture of Europe from circa 500 A.D. to the Renaissance.
- 372 MODERN ARCHITECTURE** 3 F
ART 155, 156, 257 or cons inst and School req.
 European and American architecture since the Industrial Revolution, later 18th century to the present.
- 375 ITALIAN RENAISSANCE ART AND ARCHITECTURE** 3
ART 155, 156, 257 or cons inst req. Formerly ITALIAN RENAISSANCE ART.
 Art and architecture in Italy from the late Middle Ages through the 16th century.
- 376 NORTHERN RENAISSANCE ART** 3
ART 155, 156, 257 or cons inst req.
 Painting and sculpture in France, Flanders, and Germany from the late Middle Ages through the 16th century.
- 377 BAROQUE AND ROCOCO ART AND ARCHITECTURE** 3
ART 155, 156, 257 or cons inst req. Formerly HISTORY OF BAROQUE AND ROCOCO ART.
 Art and architecture in Western Europe from the late 16th through the 18th century.
- 378 ART IN EUROPE FROM THE AGE OF ROMANTICISM THROUGH IMPRESSIONISM** 3
ART 155, 156, 257 or cons inst and School req. Formerly HISTORY OF NINETEENTH-CENTURY ART AND ARCHITECTURE.
 Art in Europe from the mid-18th century to c. 1885.
- 379 MODERN ART** 3
ART 155, 156, 257 or cons inst and School req.
 Painting and sculpture in Europe and America from the late 19th century to 1970.
- 380 ART IN THE UNITED STATES I: COLONIAL ERA TO THE EARLY REPUBLIC** 3
ART 155, 156, 257 or cons inst and School req.
 Art and architecture in the regions of North America that became the United States from c. 1600-1825.
- 381 ART IN THE UNITED STATES II: ROMANTICISM TO EARLY MODERNISM** 3
ART 155, 156, 257 or cons inst and School req.
 Art and architecture in the United States from about 1825 to 1930.

- 382 ART IN THE UNITED STATES III: FROM THE DEPRESSION TO 1970** 3
ART 155, 156, 257 or cons inst and School req.
 Complex artistic developments, especially in painting and sculpture, which occurred in American art from the Depression era to 1970.
- 383 HISTORY OF PHOTOGRAPHY** 3
ART 155, 156, 257 or cons inst and School req.
 Important photographers and the major aesthetic and technical developments of photography from 1840 to present.
- 385 RECENT DEVELOPMENTS IN ART: 1970 TO THE PRESENT** 3 S
ART 155, 156, 257 or cons inst and School req.
 An examination of major international visual artists and the role of public and private institutions within the contemporary arts world.
- 387 SOFTWARE DESIGN IN THE ARTS I** 3
Also offered as MUS/THE 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.
 Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.
- 388 SELECTED TOPICS IN ARTS TECHNOLOGY** 3
Also offered as MUS/THE 388. May be repeated if content different. Materials charge optional.
 Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.
- 394 BFA SEMINAR** 3 F,S
ART 103, 104, 109 and acceptance into the BFA program or cons inst and School req. May be repeated if topic differs.
 Seminar for investigating ideas and issues in contemporary art and building critical thinking, reading and research skills for BFA students.
- 395 UNDERGRADUATE SEMINAR IN ART HISTORY** 3 S
Successful completion of at least one 300-level Art History course and cons inst req. May be repeated if content different.
 Intensive study of an announced topic in art history, emphasizing methodology, original research, and various art historical approaches to specified works, artists, themes, styles, or issues.
- 398 PROFESSIONAL PRACTICE: INTERNSHIP IN ART** 1-8 F,S
May be repeated; max 16 hrs. Cons school director req.
 Supervised work experience.
- 398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN ART: DESIGN**
- 398.05 PROFESSIONAL PRACTICE: INTERNSHIP IN TEACHING ART**
May Incl Clin Exp: Type 1-4, 6, and 9.

**398.07 PROFESSIONAL PRACTICE:
INTERNSHIP IN PHOTOGRAPHY****398.08 PROFESSIONAL PRACTICE:
INTERNSHIP IN MUSEUM/GALLERY****398.09 PROFESSIONAL PRACTICE:
COOPERATIVE EDUCATION/
INTERNSHIP IN ARTS MICRO-
COMPUTER APPLICATIONS 2-6 F,S**
*ART/MUS/THE 276; 1 course selected from MUS 211,
ART/THE 359, or ART/MUS/THE 387. Jr/sr standing
in area of concentration; 2.5 GPA req.*

Cooperative education/internship providing the opportunity to apply knowledge of microcomputer arts applications in arts agencies, business, and/or education settings.

**398.12 PROFESSIONAL PRACTICE:
ART THERAPY 2-6 S**
*ART 308, 310, adm Undergraduate Sequence in Art
Therapy req.***MUSIC (MUS) 566**

230 Centennial East, (309) 438-7631

Web address: www.arts.ilstu.edu/music/

Director: James Major.

Tenured/Tenure-track Faculty:

Professors: Block, Boitos, Borg, Chavez, DeBose, Dicker, DiGiammarino, Koehler, Larsen, J. Major, Modos, Newson, Steele, Williams.

Associate Professors: Gentry, Keenan-Takagi, A. Major, Parsons, Snyder, Stokes.

Assistant Professors: Aduonum, Belland, Favis, Feurzeig, Hamilton, Hesselink, Koch, Labonville, McCord, Morenus, Neisler, Risinger, Vought.

General School Information**Curricular Requirements/Departmental Requirements:**

Music students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Music Student Handbook*.

Admission Auditions:

Students who intend to major in Music at Illinois State University are expected to have previous music experiences. Prior to acceptance as a Music major or minor, all students must pass a performance audition on their major instrument or voice. Information concerning admission auditions is available from the School of Music.

Senior College Examination:

All Music majors must pass the Senior College Examination which evaluates the student's mastery of musicianship and performance skills. The examination is administered every semester and is to be taken by all Music majors taking sophomore-level music core courses (204/208). Students who transfer from a post secondary

institution with an associate's degree must take the examination in their first semester of attendance at Illinois State University. All B.M.E. students and candidates for Teacher Certification are required to pass the Senior College Examination prior to admission to Teacher Education.

Piano Requirements:

All students pursuing a Music major degree program are required to demonstrate a level of piano proficiency equivalent to that outlined for Level III of Group Instruction Piano unless stated otherwise for a specific degree or sequence. A syllabus of proficiency requirements is available in the Music Office or from the Group Piano Coordinator.

Performing Organization Requirements:

All students pursuing a Music major degree program are required to participate and earn a passing grade in a major music-performing organization each semester they are enrolled in the University. (B.M.E. majors are exempt from this requirement during the semester of Student Teaching; Music Therapy majors are exempt from this requirement during the semester of their internship.) Specific performing organization participation requirements are indicated below for each of the Music major degree programs. A major opera role may be substituted for one performing organization by juniors and seniors upon approval of the Director of the School of Music as a result of a written request signed by the student, the applied teacher, and the opera director. A maximum of 12 hours in Music performing organization credit is applicable to any Music degree. Students must be enrolled in MUS 110 each semester on campus up to the total number of semesters required for the particular degree program.

Enrollment Limitations:

Enrollment in some Music courses is limited to those students who have had auditions or who have secured the permission of the appropriate coordinator. Information concerning these course enrollment limitations is available from the School of Music.

Musical Instrument Storage:

In the event that students choose to store musical instruments on campus in any building operated by the University, they hereby waive any and all liability of the University and its employees for the loss of or damage to such musical instruments by any cause whatsoever, including, but not limited to, fire, water, windstorm, or any other casualty, theft, or dampness or dryness of the air.

Music Programs

Degrees Offered: B.A., B.S., B.M.E.

MAJOR IN MUSIC

- 40 hours in Music required.
- Required courses: MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254; one course chosen from 213, 214, or 219; one course chosen from 220, 221, or 222; at

least 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters); 8 hours of performing organizations.

Music Business Sequence:

Degree Offered: B. S.

- 25 hours required.
- MUS 298.03 (2 hrs) **NOTE:** This may be 2 of the 8 hours in music performing organizations required in the BA/BS in Music curriculum.
- Music course (3 hrs): MUS 175.
- Six (6) hours chosen from MUS 206, 301, 354, and 388.
- ECO 105 (4 hrs).
- Select twelve (12) hours of approved electives such as: THE 342, THE 344, THE 345, MQM 220, MKT 230.

Musical Theatre Sequence:

Degree Offered: B.A.

- 25 hours required.
- 2 hours Theatre Practicum (THE 102) and 2 hours of Opera Practicum (MUS 165).
NOTE: This may be 4 of the 8 hours in music performing organizations required of B.A. in Music majors.
- A qualifying performance audition is required for all incoming students needing to enroll in THE 105, 106, 119, and 120. Students who are deficient in dance technique may have to take courses at a lower level. Deficiency hours will be above the hours required for this sequence. Information concerning qualifying auditions is available from the School of Theatre.
- Required courses: THE 100, 102, 105, 106, 110, 113, 237, 314.08, 322; one course chosen from THE 119 or 120.

MINOR IN MUSIC

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 212; 2 semesters of Music 122 unless waived by the Group Piano Coordinator; 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 4 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 4 semesters); 4 semesters of performing organizations.

MAJOR IN MUSIC EDUCATION

Core Requirements and Sequences:

- Complete core requirements of MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254.
- Electives: Choose one from MUS 213, 214, 219.
Choose one from MUS 220, 221, 222.
- Additional core requirement: MUS 167.
- Choose from one of the following sequences: Choral-

General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra.

- The four sequences are part of the entitlement program leading to the Special Teaching K-12 Music Certificate in the State of Illinois.
- Complete 14 hours of Applied Music and at least 7 hours of performing organizations.
- Designated special methods courses in each of the 4 sequences (Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra) require Clinical Experiences and are taken throughout the degree program.

Piano and Applied Music Requirements:

- Students are required to attain sufficient skill in playing the piano to pass a proficiency test prior to admission to Music Education. **NOTE:** A syllabus of proficiency requirements is available in the School office or from the Music Education or Group Piano Coordinator. Piano may be studied in Group Instruction 122 or in Applied Piano 135/235. A maximum of 8 hours is allowed for taking piano in Group Instruction.
- Students are required to study applied music on their major instrument for 5 to 7 semesters, depending on the sequence.
- Students are required to take at least 1 semester of 200-level Applied Music prior to student teaching.
- Students are required to perform either a half or full senior recital prior to student teaching.

Professional Education Requirements:

- C&I 210 and 215 must be taken prior to the special methods in Music courses and include Clinical Experience; EAF 228, 231, or 235 must be taken prior to student teaching.
- Special Methods courses include: MUS 162, 260, 261, 262, 263, 266, 267, 270, 271. **NOTE:** All Special Methods courses include clinical experience. Except for MUS 162, all Special Methods courses require admission to Teacher Education.
- Grade of C or higher required.

Core Music Education Requirements:

- All Music Education students are required to take the following courses: MUS 260, 262, 266 and 1 hour in jazz selected from MUS 139.70/239.70, 139.71/239.71, 218 (depending on sequence).

Choral-General-Vocal Sequence:

- 64 hours in Music required.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Piano and 5 semesters of Applied Voice; MUS 127 or 128; 162, 263, 267, 268.
- Students must be enrolled for 1 hour of credit in University Choir, University Glee Club, Women's Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for at least 7 semesters.

- Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
- A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Choral-General-Keyboard Sequence:

- 64 hours in Music required.
- Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Voice and 5 semesters of Applied Piano; MUS 240 (2 hrs); 162, 263, 267, 268.
- Students must be enrolled for 1 hour credit in University Choir, University Glee Club, Women's Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for at least 7 semesters.
- Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
- A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Instrumental-Band Sequence:

- 68 hours in Music required.
- Required courses: Music and Music Education core requirements and MUS 111, 112, 113, 114, 115, 116, 117, 161, 163, 261, 269.
- Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble, Marching Band, or Orchestra for at least 7 semesters.
- Students must enroll in a minimum of 2 semesters of Marching Band and 2 semesters of a concert band (Wind Symphony or Symphonic Band).

Instrumental-Orchestra Sequence:

- 68 hours in Music required.
- Required courses: Music and Music Education core requirements and MUS 111, 112, 113, 114, 115, 116, 117, 163, 269, 270, 271.
- Students must be enrolled for 1 hour credit in Symphony Orchestra for 7 semesters.

Student Teaching:

At least 10 weeks (8 hrs) (STT 399.28) of student teaching are required; 16 weeks (16 hrs) (STT 399.28) are recommended.

Admission-Retention Requirements for the Teacher Education Sequence in Music Education

Selective Admission:

All Music Education students planning to become certified teachers must apply for and be admitted to the University's Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, a Music Education student must also have verified the following:

1. File departmental application for admission to Music Education.
2. A minimum cumulative GPA of 2.5 overall and in all Music courses including all Professional Education courses.
3. Satisfactory completion of Piano Proficiency Exam or completion of Level 4—Group Piano with grade of B or better (the entire final exam for Level 4 must be passed successfully).
4. Recommendation for admission to Teacher Education by the Music Education faculty.
5. Satisfactory passing of the Senior College Exam.
6. Upon enrollment within the Music Education program, the student will be evaluated every semester in writing by each respective Music faculty member. This information will be maintained in the student's permanent file. Each student will also be evaluated by the respective faculty in the College of Education. Details about these evaluations can be obtained from the Coordinator of Music Education. The evaluations will be solicited up to the semester of student teaching.

Selective Retention:

In order to be retained in the Music Education program and to receive departmental approval for a student teaching assignment, the following requirements must be met:

1. Maintain a GPA of 2.5 in all courses and in all Music Education courses including Professional Education.
2. Be recommended for student teaching by the Music Education faculty.
3. Interview with the Coordinator of Student Teaching and/or Music Education faculty.
4. Complete at least 1 semester of Applied Music at the 200-level.
5. Acquire a minimum grade of C in all Music Education courses including Professional Education courses.
6. File College of Education and departmental applications for student teaching.

Graduation Requirements:

A cumulative and major GPA of 2.5 must be maintained.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

MINOR IN MUSIC EDUCATION

The Minor in Music Education can be elected only by B.M.E. majors or by majors in another program leading to Teacher Certification.

Choral Music Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 201, 207, 212, 266 or 267.
- At least 2 semesters of Applied Music: Voice (may include Group Instruction Voice 126).
- At least 2 semesters of Applied Music: Piano (may include Group Instruction Piano 122).

General Music Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 201, 207, 212, 262 or 263.
- At least 2 semesters of Applied Music: Voice (may include Group Instruction Voice 126).
- At least 2 semesters of Applied Music: Piano (may include Group Instruction Piano 122).

Instrumental Music-Winds Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 167, 201, 207, 212, 260 or 261.
- 4 hours chosen from 111, 112, 115, 116, 117 (eliminate the group closest to the major applied instrument).
- At least 2 semesters of Applied Music: Brass, Percussion, or Woodwinds.

Instrumental Music-Strings Sequence:

- 24 hours in Music required.
- Required courses: MUS 101, 102, 107, 108, 111 or 112, 113 or 114, 115 or 116, 117, 167, 201, 207, 212, 270 or 271.
- At least 2 semesters of Applied Music: Strings.

Music Program

Degree Offered: B.M.

Admission into the B.M. program is by special audition.

MAJOR IN MUSIC

- 68 hours of Music required.
- Required courses for all sequences except Music Therapy (for requirements, see Music Therapy Sequence): MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254, 1 course selected from 213, 214, 216; 1 course selected from 220, 221, or 222; 2 courses selected from among MUS 255, 256, 257, and 258; 1 Applied Music course on the major instrument each semester (may include Group Instruction Piano), including the successful completion of at least 1 semester of 200-level Applied Music; 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters). In addition, students must be enrolled for 1 hour of credit each semester they are in residence in Wind Symphony, Symphonic Band, Marching Band, Jazz Band, Symphony Orchestra, University Choir, University Glee Club, Women's Choir, Civic Chorale, Concert Choir, Encore (Jazz Choir), Madrigal Singers, Accompanying (for keyboard majors only) or Guitar Ensemble (for guitar majors only).
- Student also selects 1 of the 6 following sequences and completes requirements of that sequence. For students who select the Keyboard-Instrument, Voice-Performance, Classical Guitar Performance, or the Band and Orchestra Instruments Sequence, the requirements are: 3 semesters of 200-level Applied Music, a partial junior recital, and a senior recital.

Music Theory-Composition Sequence:

- 12 additional hours in theory, composition, and theory pedagogy.
- Electives to complete 68 hours.
- At least 8 hours of German strongly recommended.

Keyboard Instrument Sequence: Performance/Pedagogy (Piano, Organ, Harpsichord):

- 4 hours of Keyboard Pedagogy and Literature (MUS 330).
- 2 hours of functional keyboard skills and sight-reading (MUS 122).
- 4 hours of Accompanying (MUS 240). **NOTE:** This may be 4 of the 8 hours in Music performing organizations required of B.M. majors.
- Electives to complete 68 hours.

Voice Performance Sequence:

- MUS 127, 128, and 2 hours in Vocal Pedagogy and Literature (MUS 330).
- Electives to complete 68 hours.
- Voice students enrolled in Encore must also participate in another choral ensemble.
- 2 semesters of Opera Practicum.

- Voice students enrolled in Opera Practicum must also participate in a major choral ensemble.

Band and Orchestra Instruments Performance Sequence:

- 2 hours in Pedagogy and Literature on appropriate instrument (MUS 330).
- Electives to complete 68 hours.

Classical Guitar Performance Sequence:

- 4 hours of Pedagogy and Literature (MUS 330).
- 2 hours of Guitar Fingerboard Harmony (MUS 215).
- 6 hours of Guitar Ensemble (MUS 139.85/239.85).
- 4 hours of Music performing organizations other than Guitar Ensemble.
- Electives to complete 68 hours.

Music Therapy Sequence:

A student who completes the requirements listed below, including a 6-month internship will be eligible to take the Certification Board for Music Therapists, Inc. exam. The prospective Music Therapy student is encouraged to contact the Director of the Music Therapy program in the School of Music before beginning course work.

- Core requirements: MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254.
- One course selected from 213, 214, or 219.
- One course selected from 220, 221, or 222.
- 7 hours of Music Performing Organizations.
- 6 hours representing at least 2 different instrument groups selected from the following: MUS 111, 112, 113, 114, 115, 116, 122.30, 126, 162.
- 8 hours of Applied Music Study.
- Sequence requirements: MUS 117, 118, 194, 294, 298.01 (4 hrs), 340, 341, 360, 398 (2 hrs); PSY 110, 113, 346, 350.
- 7 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 7 semesters).
- **NOTE:** A competency test is required in guitar and piano.

Music Courses

101 MUSIC THEORY 2 F

Music maj/min only or cons school director req.

Principles of rhythmic, melodic, and harmonic syntax in the common practice period. Emphasis on diatonic analysis and composition.

102 MUSIC THEORY 2 S

MUS 101 or cons Theory Coord req.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

103 COMPUTER SKILLS FOR MUSICIANS 1 F,S

MUS maj only.

Introduction to computer music notation, MIDI sequencing, and digital audio.

107 GROUP INSTRUCTION IN BASIC MUSICIANSHIP I 1 F,S

MUS maj/min only or cons inst req.

Introduction and cultivation of fundamental aural (ear-training) and sight-singing (solfege) skills.

108 GROUP INSTRUCTION IN BASIC MUSICIANSHIP II 1 F,S

MUS 107 or cons Theory Coord req.

Continuation of skill building in ear-training and sight-singing; expansion of solfege techniques.

110 RECITAL ATTENDANCE F,S

MUS maj/min only. May be repeated. CR/NC only.

Develop an understanding of musical styles and skills as a more discriminating listener.

111 GROUP INSTRUCTION IN HIGH BRASS 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Exp Type 1-5, 9.

Introduction to the playing and pedagogy of high brass instruments (trumpet and horn).

112 GROUP INSTRUCTION IN LOW BRASS 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Exp Type 1-5, 9.

Introduction to the playing and pedagogy of low brass instruments (trombone, euphonium, and tuba).

113 GROUP INSTRUCTION IN HIGH STRINGS 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.

Introduction to the playing and pedagogy of high string instruments (violin and viola).

114 GROUP INSTRUCTION IN LOW STRINGS 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.

Introduction to the playing and pedagogy of low string instruments (cello and string bass).

115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.

Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute.

116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.

Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe).

117 GROUP INSTRUCTION IN PERCUSSION 1 F,S

MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.

Practical instruction in playing and methods of teaching percussion instruments.

118 BEGINNING GUITAR 2

Student must supply acoustic guitar.

Elements of basic acoustic guitar; simple chords and melodies.

119 INTERMEDIATE GUITAR 2 S

MUS 118 or cons inst req. Student must supply acoustic guitar.

Further development of guitar playing skills, including note reading in higher positions, movable chords, fingerpicking, and an introduction to improvisation.

121 GROUP INSTRUCTION IN PIANO 2 F,S

For students who have had little or no formal piano study and who are not Music maj/min. Enrollment and placement only by cons Group Piano Coord. May be repeated if content differs.

Harmonization, sight-reading and transposition, technical studies, and solo and ensemble repertoire.

122 GROUP INSTRUCTION IN PIANO 2 F,S

MUS maj/min with little or no keyboard skills. Enrollment and placement by cons Group Piano Coord. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coord. May be repeated if content differs; max 8 hrs.

126 GROUP INSTRUCTION IN VOICE 2 F,S

May be repeated. Cons inst req.

Practical instruction in singing in English and Italian. Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137.

**127 FOREIGN LANGUAGE
DICTION FOR SINGERS 2 S**

MUS 126 or conc reg in MUS 126, 137, or 237.

German and French diction through the study of art songs in both languages.

**128 DICTION FOR SINGERS:
ITALIAN AND ENGLISH 2 F**

Italian and English stage diction for singers, using the International Phonetic Alphabet.

131-138 APPLIED MUSIC 2 or 3 ea F,S

May be repeated. Cons appropriate coord 1 sem in advance of reg req. Prereq for MUS 137 described in narrative for MUS 126.

131, Brass; 132, Harpsichord; 132.10 Harp; 133, Organ; 134, Percussion; 135, Piano; 136, Strings; 136.80, Guitar; 137, Voice; 138, Woodwinds.

139 ENSEMBLE 1-2 F,S

May be repeated.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments.

**152 EXPERIENCING
MUSIC OC-KD/FA 3 F,S**

IDS 100; COM 110; ENG 101 req.

Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary.

153 BLACK MUSIC I 3 F

A survey of those musical elements—rhythm, improvisation, vocal inflections, call and response—that define Black Folk Music.

154 BLACK MUSIC II 3 S

A survey of Black composers, arrangers, performers, and educators in the areas of Jazz, Blues, Gospel, Spirituals, Rhythm and Blues, and Western Classical music in the 20th century.

161 MARCHING BAND TECHNIQUES 2 F

Conc reg with participation in Marching Band.

Marching Band organization: field show planning and design.

**162 INTRODUCTION TO INSTRUMENTAL
INSTRUCTION 2 F**

Incl Clin Exp: 10 hrs, Type 1-5, 9. Formerly INTRODUCTION TO WIND AND PERCUSSION INSTRUCTION.

Introduction to the playing and pedagogy of brass, woodwind, string, and percussion instruments for choral-general music education students.

163 INTRODUCTION TO SINGING 1 F,S

Music maj only, or cons inst req. May be repeated.

Introduction to the technique and teaching of singing. Designed primarily for instrumental music education majors.

165 OPERA PRACTICUM 1 F,S

By audition/consent of instructor. May be repeated.

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

167 BASIC CONDUCTING 2 F,S

Fundamentals, score reading, rehearsal procedures, and practical experience in work with choral and instrumental media.

**175 INTRODUCTION TO THE
MUSIC INDUSTRY 3 F,S**

Exploring the various facets of the music and entertainment industry, including an historical background.

**176 ARTS AND SOCIETY:
MUSIC OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req.

Examination of the relationship between music and politics/culture.

180-188 PERFORMING ORGANIZATIONS 1 F,S

Max 12 hrs of 180-188 and 280-288 may be counted toward a Music degree.

Participation in the large musical organizations; 180, University Choir; 181, Wind Symphony, Symphonic, University, Pep or Marching Band; 182, Symphony Orchestra; 183, Chamber Wind Ensemble; 184, Concert Choir; 186, Women's Choir; 188, Civic Chorale.

194 PRINCIPLES OF MUSIC THERAPY 3 F

Not for cr if had former MUS 190, 191, and 192. Field observations req.

Introduction to music as a therapeutic agent in the rehabilitation and reorganization of the human being into social life. A survey of the history of the American Music Therapy Association is included as well as the processes and principles of music therapy as used by practicing music therapists.

201 MUSIC THEORY 2 F

MUS 102 or cons Theory Coord req.

Study of tonal harmony from Bach to present-day popular music.

205 COMPOSITION 2 F,S*May be repeated.*

Developing individual creative talents of students in musical composition. Progression from the composing of well-balanced musical phrases to works in small forms for piano, choral groups, and small instrumental ensembles.

206 COMPUTER ARTS**PERFORMANCE STUDIO 1-3 F,S, Summer***Cons instr req. May be repeated if cont different. Also offered as ART/THE 206.*

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 GROUP INSTRUCTION IN**BASIC MUSICIANSHIP III 1 F,S***MUS 108 or cons Theory Coord req. (Not for cr if had MUS 203 for 6 hrs.)*

Continuation of MUS 108 with introduction of chromaticism, more complex rhythms, and harmonic dictation using 7th chords.

212 INTRODUCTION TO MUSIC**LITERATURE 3 F***MUS 102 or cons instr req.*

Introduction to important musicians, genres, styles, and terminology supporting the study of music in history and cultures.

213 JAZZ-ROCK AURAL SKILLS 1 S*MUS 207 or cons Theory Coord. req.*

Development of sight-singing, keyboard, and dictation skills required for the performance and transcription of jazz and rock music.

214 TRANSCRIPTION 1 S*MUS 207 or cons Theory Coord req.*

Transcription of recorded music in a variety of popular, historical Western, and non-Western styles.

215 GUITAR FINGERBOARD HARMONY 2*3 sem of Applied Guitar (MUS 136.80/236.80) or cons inst req.*

A comprehensive exploration of the guitar fingerboard through the study of scales, arpeggios, intervals, chords, and sight reading.

216 NON-WESTERN MUSIC LITERATURE 2 S*MUS 212 or cons Theory Coord req.*

A survey of the music of non-Western cultures, examining how these societies organize music as sound and music as culture.

218 JAZZ IMPROVISATION 1-2 F,S*C or better in MUS 203 and 204. Music maj/min only.*

Current methods and materials for developing jazz and jazz-based improvisational abilities in performers and teachers.

219 ADVANCED SIGHT SINGING 1 S*MUS 207 or cons Theory Coord req.*

Continuation of the sight-singing portion of MUS 207 with emphasis on vocal literature and on performance of more complex rhythms.

220 ANALYSIS THROUGH**COMPOSITION 2 S***MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.*

Study of tonal and post-tonal styles through original composition based on stylistic models including Mozart, Debussy, Schoenberg, Broadway, Techno.

221 TWENTIETH-CENTURY**TECHNIQUES 2 S***MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.*

Study of twentieth-century concert music including modes, atonality, set theory, serialism, minimalism, and rhythmic theory.

222 THEORETICAL FOUNDATIONS OF**JAZZ AND ROCK MUSIC 2 S***MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.*

Study of scales, rhythmic structure, harmony, and melody of jazz and rock music, including analysis and arranging projects.

231-238 APPLIED MUSIC 2 or 3 ea F,S*May be repeated. Cons of appropriate coord 1 sem in advance of reg req.*

231, Advanced Brass; 232, Advanced Harpsichord, 234, Advanced Percussion; 235, Advanced Piano; 236, Advanced Strings; 236.80 Advanced Guitar; 237, Advanced Voice; 238, Advanced Woodwinds.

239 ENSEMBLE 1-2 F,S*May be repeated.*

Study and performance of chamber and small music ensembles in a variety of combinations of instruments.

240 ACCOMPANYING 1 F,S*May be repeated.*

Technique and skills of accompanying singers and instrumentalists, including experience in providing accompaniments for other students.

253 MUSIC HISTORY UNTIL 1750 3 F*MUS 216 or cons Theory Coord req.*

Developments, trends, styles, genres, and significant composers in Western music history from the Greeks to the time of Bach and Handel.

254 MUSIC HISTORY SINCE 1750 3 S*MUS 216 or cons Theory Coord req.*

Developments, trends, styles, genres, and significant composers from the Classical period through the 20th century.

255 MUSIC HISTORY AND LITERATURE OF THE TWENTIETH CENTURY 3 F*MUS 254 or cons inst req.*

Survey of 20th century styles, popular to learned, conventional to avant-garde, with emphasis on the literature of music.

256 MUSIC HISTORY AND LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES 3 S*MUS 253 or cons inst req.*

Development of music during the 17th and 18th centuries including nationalities, schools, styles, and forms.

**257 MUSIC HISTORY AND LITERATURE
OF THE NINETEENTH CENTURY 3 F**

MUS 254 or cons inst req.

Musical developments in the 19th century; romanticism, impressionism, the orchestra, opera, art song, other large and small forms.

**258 MUSIC HISTORY AND LITERATURE
OF THE RENAISSANCE 3 S**

MUS 253 or cons inst req.

Artistic and social conditions of the 15th and 16th centuries in Europe, sacred and secular vocal music, instruments, forms, theoretical practices.

**260 ELEMENTARY/JUNIOR HIGH TEACHING
METHODS: BAND 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly DESIGNS IN INSTRUCTION: INSTRUMENTAL.

Current methods and materials for the teaching of grades 4-8 instrumental music.

**261 SECONDARY TEACHING
METHODS: BAND 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly METHODS OF TEACHING: INSTRUMENTAL.

Current methods and materials for the teaching of 9-12 instrumental music.

**262 ELEMENTARY
TEACHING METHODS:
GENERAL MUSIC 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly MUSIC EDUCATION.

Current methods and materials for the teaching of K-6 general music.

**263 JUNIOR HIGH/SECONDARY
TEACHING METHODS:
GENERAL MUSIC 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of junior high and secondary school (7-12) general music courses.

265 OPERA PRACTICUM 1 F,S

By audition/consent of instructor. May be repeated.

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

**266 ELEMENTARY/JUNIOR
HIGH TEACHING
METHODS: CHORAL 2 F**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Study of management, methods, and materials utilized in the teaching of grades 4-8 vocal music.

**267 SECONDARY TEACHING
METHODS: CHORAL 2 S**

C or better in C&I 210 and 215 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req. Formerly 264, MUSIC EDUCATION.

Study of management, methods, and materials utilized in the teaching of grades 9-12 vocal music.

**268 INTERMEDIATE CONDUCTING:
CHORAL 2 S**

MUS 167 or cons inst req.

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

**269 INTERMEDIATE CONDUCTING:
INSTRUMENTAL 2 S**

MUS 167 or cons inst req.

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

**270 ELEMENTARY/JUNIOR
HIGH TEACHING
METHODS: STRINGS 2 F**

C or better in C&I 210 and 215 req. Mus Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of elementary/junior high school instrumental strings.

**271 SECONDARY TEACHING
METHODS: STRINGS 2 S**

C or better in C&I 210 and 215 req. MUS Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Teacher Ed req.

Current methods and materials for the teaching of secondary school instrumental strings.

**275 WORLD ARTS:
MUSIC OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req; MC-LH category req.

Introduction to selected music of Asia, the Middle East, Africa and Latin America.

**276 BASIC SKILLS IN THE
DIGITAL ARTS 2 F,S,Summer**

Fine Arts maj/min or cons inst req. Also offered as ART/THE 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS. Materials charge optional.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

**277 MUSIC EDUCATION IN THE
ELEMENTARY GRADES 2 F,S**

El Ed maj only.

Survey of Music Education K-6; current practices and materials for teaching elementary general music.

280-288 PERFORMING ORGANIZATIONS 1 F,S

Max 12 hrs of 180-188 and 280-288 may be counted toward a Music degree.

Participation in the large musical organizations; 280, University Choir; 281, Wind Symphony, Symphonic, University, Pep or Marching Band; 282, Symphony Orchestra; 283, Chamber Wind Ensemble; 284, Concert Choir; 286, Women's Choir; 288, Civic Chorale.

294 MUSIC IN RECREATION 3 F

MUS 194 or cons inst, ability to read music, and field experiences req.

Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments.

298.01 PROFESSIONAL PRACTICE: MUSIC THERAPY INTERNSHIP 1 F,S

May be repeated; max 4 hrs. CR/NC only. Formerly MUS 292.

Supervised practical experience in therapeutic music situations in various institutions in the area.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer

Cons inst req. May be repeated if cont different. Also offered as ART/THE 301.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

303 COUNTERPOINT 2 S

MUS 201, or MUS 203, or cons inst req.

Introduction to counterpoint in Renaissance (16th century) and Baroque (18th century) styles.

304 ORCHESTRATION 2 S

MUS 201, or MUS 203, or cons inst req.

Introduction to writing for ensembles of strings, winds, percussion, or voices.

305 COMPOSITION 3 F,S

May be repeated.

Free composition in larger forms.

330 PEDAGOGY AND LITERATURE 2 F,S

May be repeated. More than 1 area may be taken conc.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for each medium. Brass, woodwind, percussion, voice, strings, piano, organ, guitar.

340 INFLUENCE OF MUSIC BEHAVIOR 3 F

Sr standing or cons inst req.

Cultural, physiological, and psychological aspects of music with applications of the Music Therapy field.

341 MUSIC THERAPY 3 S

MUS 340 or cons inst req.

Theory, current practices, and research in the field of Music Therapy.

353 COMPUTER MUSIC NOTATION 3 S

Cons inst req. Also offered as ART/THE 353.

Study of computer-based music printing and an introduction to MIDI for note entry and proof reading of musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S

Cons inst req. Also offered as ART/THE 354.

Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

360 INTRODUCTION TO PSYCHOMUSICOLOGY 3 S

Introduction to the psychology of music behavior and cognition. Topics include music perception, memory, and learning and their relation to the sensory, formal, and expressive properties of music.

362 FIELD DATA COLLECTION IN MUSIC THERAPY 1 S

Sr standing or MUS 360 or cons inst req.

Field experience in experimental research and behavioral data collection and evaluation as applied to the field of Music Therapy.

365 OPERA PRACTICUM 1 F,S

By audition/consent of instructor. May be repeated.

Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

371 MUSIC FOR THE EXCEPTIONAL CHILD 3 F,S

Trends in Music Education for exceptional children. Techniques and materials for a functional program of singing, playing, listening, and creative activities.

387 SOFTWARE DESIGN IN THE ARTS I 3 F

Also offered as ART/THE 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.

Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

388 SELECTED TOPICS IN ARTS TECHNOLOGY 3 S

Also offered as ART/THE 388. May be repeated if content different. Materials charge optional.

Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

391 MUSICAL STYLES OF THE RENAISSANCE PERIOD 3

MUS 253 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

392 MUSICAL STYLES OF THE BAROQUE PERIOD 3

MUS 253 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

394 MUSICAL STYLES OF THE CLASSICAL PERIOD 3

MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

395 MUSICAL STYLES OF THE ROMANTIC PERIOD 3

MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

396 MUSICAL STYLES OF THE TWENTIETH CENTURY 3

MUS 254 req.

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

398 PROFESSIONAL PRACTICE: CLINICAL INTERNSHIP IN MUSIC THERAPY 1 F,S,Summer

Acceptance into a clinical training facility affiliated with the American Music Therapy Association req. May be repeated; max 2 hrs.

Professional application of current treatment and evaluation procedures in a clinical setting.

THEATRE (THE) 570

212 Centennial West, (309) 438-8783

Web address:

<http://orathost.cfa.ilstu.edu/theatre/theatre.html>

Chairperson: Fergus Currie.

Tenured/Tenure-track Faculty:

Professors: Currie, Goldfarb, Hampton, MacLean, Ritch, Stark, Urice, Wilhelm, Zielinski.

Associate Professors: Browder, McLaughlin-Gray, O'Gara, Pereira.

Assistant Professors: Adams, Alley, Benelli, Brown, Dennhardt, Merriman, Mullenix, Orr, Poole, Schenck, Wilson.

Theatre Program

Degrees Offered: B.A., B.S.

MAJOR IN THEATRE

- 48 hours in Theatre required.
- Required courses: THE 100, 101, 2 hours of 102/302, 110, 130, 160, 170, 237, 240, 261, 344, 376, and 377.
- Students in the 48-hour major are required to complete 1 of the following concentrations:

Cinema Studies: THE 271, 370, 371

Creative Drama: THE 280 and 6 hours of 381.

Directing: 3 hours each of THE 340, 341 and 342.

Microcomputer Applications in Theatre: 9 hours from MUS 211; ART/MUS/THE 387, 388; THE 276, 359, 398.09.

Theatre History: THE 370, and 6 hours from 287, 300; ENG 222, 223, 325, 327, 328, 378.

Theatre Management: THE 345 and 6 hours of 309.

Acting Sequence:

- 55 hours in Theatre required, including 12 hours of core courses: THE 100, 102/302 (1 hr), 110, 130, 237 and 43 hours from either A or B following:
 - A.** THE 113/313, 160, 211, 212, 220, 240, 322, 376 and 377; 9 hours of THE 314; 3 hours from THE 221 or 2 hours approved dance technique classes; and 2 or 3 hours of electives to complete 55 hours.
 - B.** KNR 181; THE 125, 225, 228 (3 hrs), 205/305 (6 hrs), 207/307 (6 hrs), 219 (6 hrs), 261, 372 and 373 and 5 hours electives from THE 102/302, 226, 228, or 387.
- Continuation in this sequence after the freshman year is by consent of the School Acting and/or Dance faculty.
- A qualifying performance audition is required for all incoming students wishing to enter THE 205, 207 or 219. Students who are deficient in dance technique will have to begin at the 100-level in classical ballet, modern dance, and jazz dance. These deficiency hours will be above the 55 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre.
- All 300-level Acting courses (THE 313, 314, 322 and 324) are restricted to Acting majors. Prerequisites for each course must be met as stated in the course descriptions.

Design/Production Sequence:

- 55 hours in Theatre required.
- Required courses: THE 100, 110, 130, 160, 237, 240, 258, 261, 362, 376, 377; 6 hours to be selected from 330, 331 or 334, 332, 333, 342, 361, 363, 365, 367.
- Theatre electives to complete 55 hours.

Teacher Education Sequence:

- 42 hours in Theatre required. Part of entitlement program leading to certification: secondary 6-12.
- Required courses: THE 100, 101, 110, 113/313, 130, 160, 185 (2 hrs), 237, 240, 280, 285 (2 hrs), 376, 385 and 1 course selected from 340, 341, 261 or 362.
- Students are required to enroll in THE 185/285 for a minimum of 1/2 credit hour their first semester and to complete a total of 4 credit hours of prescribed field activities in Theatre Education as a part of their program. The School recommends that students who plan to teach in high school take COM 123 and 223. Second teaching field required.
- To qualify for certification, students must complete an education minor, the Professional Education Requirements, and the General Education Requirements as described in the Teacher Education Requirements—High School section of this *Undergraduate Catalog*.

- **NOTE:** Theatre majors are encouraged to participate in at least 1 Illinois State Theatre production each semester. Credit in THE 102 or 302 may be earned for this participation. Students are encouraged to earn practicum credit in at least 4 different areas of theatre experience, such as costume, technical, management, acting, lighting, makeup. All students may audition for productions after they have achieved second semester freshman status.

MINOR IN THEATRE

- 24 hours in Theatre required.
- Required courses: 100, 101, 110, 130, 160, and 240; 4 hours from 376 and 377; and Theatre electives to complete 24 hours.

Teacher Education Sequence:

- 24 hours in Theatre required.
- Required courses: THE 100, 101, 110, 160, 240, 385, and 376 or 377.
- Students registering for THE 160 may be required to take 1 hour of THE 102/302 Practicum.
- 4 hours of THE 185 and 285 are prerequisites for THE 385. For students without these prerequisites, the Minor in Theatre/Teacher Education Sequence may require 28 hours.
- **NOTE:** The School recommends that students who plan to teach in high school take COM 123 and 223.

MINOR IN CINEMA STUDIES

- 18 hours of Cinema Studies required.
- Required courses: THE 170, 370, 371.
- 9 additional hours from: ENG 107; ART 252; THE 171, 176.02, 270, 271, 275.02, 370.

MINOR IN DANCE

- 24 hours required.
- Students in this minor must be sufficiently proficient in ballet, jazz, and modern dance to be placed in the second-level courses by audition. Students should begin their studio sequences with THE 205, 207, and 219. This minor may require more hours than listed for students with studio deficiencies.
- Required studio courses: THE 102/302 (1 hr), 125 (2 hrs), 205 (2 hrs), 207 (2 hrs), 219 (2 hrs), 228 (2 hrs), 261 (3 hrs), 305 (2 hrs), 307 (2 hrs), 372 (3 hrs), 373 (3 hrs).
- According to the minimum requirements for state teacher certification, students in any area that has no established state standards (such as Dance) must have 32 semester hours in the area in order to be endorsed. Students wishing endorsement must complete the minor and the following Teacher Education Sequence as well as BSC 181, Anatomy and Physiology, or the equivalent, which may substitute for the 3 hours of Theatre electives in the Sequence.

Teacher Education Sequence:

- KNR 153.10 (1 hr); THE 227 (2 hrs), 327 (2 hrs), and 3 hours of Theatre electives as approved by the Dance advisor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will have a minimum of 100 clock hours of approved pre-student teaching experiences prior to assignment of Student Teaching; students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

Theatre Courses

100 INTRODUCTION TO THE LITERATURE OF THE THEATRE 3 F,S

Survey of literature of theatre from the Greeks to the present. Emphasis is on the study of structure, genres, and history of the period in which the play was produced.

101 ORAL INTERPRETATION OF LITERATURE 3 F,S

The individual performance of non-dramatic literature as an approach to the study of literature and performance.

102 THEATRE PRACTICUM 1-2 F,S

May be repeated.

Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.

105 MODERN DANCE I 2 F,S*Formerly KNR 122.*

An introduction to modern dance through technique, improvisations, and composition.

106 MODERN DANCE II 2 F,S*THE 105 req. Formerly KNR 122.02.*

Continuation of THE 105 with emphasis on technique.

107 BALLET I 2 F,S*Formerly KNR 123.*

An introduction to the techniques and style of ballet.

108 BALLET II 2 F,S*THE 107 or conc reg or cons inst req. Formerly KNR 123.02.*

A continuation of 107.

110 ACTING I 3 F,S*Maj/min only. Cons inst req. May be repeated; max 6 hrs. Formerly BASIC ACTING.*

Basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, discussions, and performance projects.

113 ACTING II 3 S*THE 110 or equiv, and cons inst req. Not for cr if had THE 313.*

Analysis, rehearsal, and performance of representative scripts.

114 TAP I 2 F*Formerly KNR 125.*

An introduction to the techniques and styles of tap dance.

115 TAP II 2 S*THE 114 or cons inst req. Formerly KNR 125.02.*

A continuation of THE 114.

119 JAZZ DANCE I 2 F,S*Formerly KNR 124.*

An introduction to the techniques and styles of jazz dance.

120 JAZZ DANCE II 2 F,S*THE 119 or cons inst req. Formerly KNR 124.02.*

A continuation of 119.

125 DANCE COMPOSITION I 2 F*THE 205 and/or 207, or cons inst req. Formerly KNR 165. Offered even-numbered years.*

Theory and practice in spatial, temporal, and dynamic design applied to choreography.

130 INTRODUCTION TO COSTUME 3 F,S*Lab arranged.*

Study and practical application of costume construction techniques and the study of basic costume design practice.

152 EXPERIENCING**THEATRE OC-KD/FA 3 F,S***IDS 100; ENG 101; COM 110 req. Theatre attendance req.*

Exposure to and application of the various artistic perspectives that share the collaborative process of theatrical production.

153 INTRODUCTION TO ACTING 3 F,S*Not for cr maj/min.*

Introduction to process and nature of acting; variety of theatre experiences to encourage an understanding and appreciation of actor's craft.

**154 INTRODUCTION TO BLACK
DRAMA AND THEATRE 3 F,S**

Exploration of the plays of the African-American dramatist from the Harlem Renaissance to the Black Arts Movement through lecture, discussion, and workshop techniques.

160 STAGECRAFT 3 F,S*Lab and/or conc reg req.*

Theory and technique of basic construction and rigging procedures.

170 INTRODUCTION TO FILM ART 3 F,S

Artistic and social values of the cinema as a contemporary art form. Screening and discussion of selected films.

171 HISTORY OF THE AMERICAN FILM 3 S*May be repeated.*

Aesthetic, cultural and industrial aspects of American film history.

176.01 ARTS AND SOCIETY:**THEATRE OC-DKCC/FA 3 F,S***IDS 100; ENG 101; COM 110 req.*

Examination of the relationship between theatre and politics/culture.

176.02 ARTS AND SOCIETY:**FILM OC-DKCC/FA 3 F,S***IDS 100; ENG 101; COM 110 req. Film screening req.*

Examination of film's influence on society, and society's influence on film.

183 PUPPETRY 3 S*Also offered as ART 183.*

Introduction to the performance art of puppetry and its educational applications: history, staging, construction, and manipulation of hand, rod, and shadow puppets.

185 CONTINUING ORIENTATION**TO THEATRE EDUCATION I 1/2 F,S**

Theatre Ed maj only, who must enroll for 1/2 hr per sem for 8 sem in THE 185 and 285 for a total of 4 hrs. Conc reg possible; exceptions (especially for transfer students) by cons school chair. Structured as program with a series of self instructional projects, req experiences, formal class meetings, and sequential developmental evaluations which are to be completed prior to student teaching. Incl Clin Exp: 5-30 hrs, Type 1-4.

Principles of administering a secondary-school theatre program as a learning facilitator, co-curricular director, and theatre professional.

205 INTERMEDIATE MODERN DANCE 2 F,S*Cons inst req. May be repeated; max 6 hrs. Formerly KNR 162.*

Intermediate techniques and theory of modern dance.

206 COMPUTER ARTS

PERFORMANCE STUDIO 1-3 F,S, Summer
Cons instr req. May be repeated if cont different. Also offered as ART/MUS 206.

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 INTERMEDIATE BALLET**2 F,S**

Cons inst req. May be repeated; max 6 hrs. Formerly KNR 163.

Intermediate ballet technique and theory.

211 VOCAL TECHNIQUE**FOR THE ACTOR I****3 F**

THE 113 or equiv, 30 hrs, and cons acting faculty req. Not for cr if had THE 111 or 311. Formerly THE 311.

Studies in relaxation, breathing, alignment, tonal focus, and articulation, leading to an understanding of the actor's vocal life and demands.

212 VOCAL TECHNIQUE**FOR THE ACTOR II****3 S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, soph/jr standing, and cons Acting faculty req. Formerly THE 317.

Advanced studies in theatre voice for actors, including diction, scansion, performance of Shakespeare texts, dialects and life studies.

219 INTERMEDIATE JAZZ DANCE**2 F,S**

Cons inst req. May be repeated; max 6 hrs. Formerly KNR 161.

Intermediate techniques and theory of jazz dance.

220 STAGE MOVEMENT I**3 F**

THE 113 or equiv, 30 hrs, and cons of acting faculty req. Formerly THE 320.

Fundamental principles of stage movement, including self-awareness, flexibility, relaxation, and physical characterization.

221 STAGE MOVEMENT II**3 S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 220, soph/jr standing, and cons inst req. Formerly THE 321.

A continuation of Movement I with a focus on physical characterization for period styles including Shakespeare, Restoration and Farce.

225 DANCE COMPOSITION II**2 S**

THE 125 or conc reg req. Formerly KNR 365. Offered odd-numbered years.

Continued development of theoretical concepts of choreography with emphasis on form and group compositions.

226 DANCE FOR CHILDREN**2 F**

THE 106 req. Incl Clin Exp: 5-20, Type 1-4.

Methods and materials in traditional and creative activities; interrelationships of dance with the other arts.

227 DANCE PEDAGOGY I**2 F**

Adm to Teacher Ed req for Teacher Ed Seq. Incl Clin Exp: 20 hrs, Type 1-4. Formerly KNR 260. Offered odd-numbered years.

Basic principles and techniques of teaching dance in schools, studios, and agencies; planning lessons and teaching in selected dance activity classes.

228 SPECIAL TOPICS IN DANCE**1-3 F,S**

May be repeated; max 6 hrs. Formerly KNR 269.

Intensive study of selected dance forms, styles, or repertory.

237 STAGE MAKE-UP**2 F,S**

THE 100 req. Materials charge optional.

Introduction to make-up technique through lecture-demonstration and laboratory practice. Development of ability in corrective and prosthetic make-up for characterization.

240 PRINCIPLES OF**STAGE DIRECTION****3 F,S**

THE 100, 110 and 160 req.

Acquaints the student with the basic principles of stage direction and provides a basic vocabulary and methodology.

258 INTRODUCTION TO SCENOGRAPHIC TECHNIQUES**3 F**

THE 160 req.

Exploration/application of graphic fundamentals for use in theatrical design. Emphasis on drafting and mechanical perspective techniques for the theatre.

260 TECHNICAL PROCEDURES**3 F or S**

THE 160 req. May be repeated; max 6 hrs.

Procedures and problems of technical production.

261 LIGHTING FOR STAGE**AND TELEVISION****3 F or S**

THE 160, 258 or cons inst req.

Instrumentation, aesthetics, application of theatrical and television lighting through classroom/laboratory study.

270 THE DOCUMENTARY IN**FILM AND BROADCASTING****3 S**

Also offered as COM 270.

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

271 STUDIES OF NON-WESTERN FILM**3 S**

Formerly SURVEY OF NON-WESTERN FILM.

Cross-cultural study of the historical and aesthetic development of non-Western national cinemas through selected African, Indian, Japanese, and Chinese films.

273 TOPICS IN FILM CRITICISM**3 F or S**

THE 170 or cons inst req. May be repeated.

Comparative and in-depth study of critical methods for film interpretation and of the theoretical sources for these methods.

275.01 WORLD ARTS:**THEATRE****OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req; MC-LH category req.

Introduction to the theatre of Asia, the Middle East, Africa, and Latin America.

275.02 WORLD ARTS:**FILM****OC-DKCC/FA 3 F,S**

IDS 100; ENG 101; COM 110 req; MC-LH category req. Film screening req.

Introduction to film from Asia, the Middle East, Africa, and Latin America.

276 BASIC SKILLS IN THE**DIGITAL ARTS****2 F,S,Summer**

Fine Arts maj/min or cons inst req. Also offered as ART/MUS 276. Formerly INTRODUCTION TO MICRO-COMPUTER APPLICATIONS IN THE ARTS. Materials charge optional.

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

280 CREATIVE DRAMA**2-3 F,S**

El Ed maj should reg for 2 hrs and conc reg ART 205, MUS 277 rec. THE Ed maj/min and all others should reg for 3-hr section. Observations and practical activities req. Incl Clin Exp: 4 hrs, Type 1.

Drama in instructional situations for preschoolers through adults, including theory and activities for personal creative growth and teaching both the arts and non-arts subjects.

285 CONTINUING ORIENTATION TO THEATRE EDUCATION II**1/2 F,S**

Incl Clin Exp: 5-75 hrs, Type 1-4.

Continuation of THE 185: principles of administering a secondary school theatre program as a learning facilitator, co-curricular director, and theatre professional.

300 TOPICS IN THE LITERATURE OF THE THEATRE**3 F or S**

THE 100 req. May be repeated. Formerly TOPICS IN THE LITERATURE OF THE MODERN THEATRE.

Examination of dramatic literature, which may also include dramatic criticism, analysis systems, discussions of plays in performance and/or dramatic/theatrical theory. Course content will vary.

301 COMPUTER ARTS APPLICATIONS**1 F,S,Summer**

Cons inst req. May be repeated if cont different. Also offered as ART/MUS 301.

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

302 THEATRE PRACTICUM**1-3 F,S**

May be repeated.

Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.

305 ADVANCED MODERN DANCE**2 F,S**

Cons inst req. may be repeated; max 6 hrs. Formerly KNR 362.

Intermediate techniques and theory of modern dance.

307 ADVANCED BALLET**2 F,S**

Cons inst req. May be repeated; max 6 hrs. Formerly KNR 363.

Intermediate-advanced ballet technique and theory.

309 DIRECTED PROJECTS**1-3 F,S**

Cons inst req. May be repeated.

Individually supervised study for the advanced student.

313 ACTING II**3 S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 110 or equiv, jr standing, and cons Acting faculty req. Not for cr if had THE 113. Formerly SCRIPTED MATERIAL.

Analysis, rehearsal, and performance of representative scripts.

314 ACTING STYLES: DISCOVERY**AND PERFORMANCE****3 F,S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, 220, jr standing, and cons Acting faculty req.

Performance styles of a particular playwright, period, or medium, including Topic .01 Realism, Topic .02 Shakespeare, Topic .03 On Camera, Topic .04 Indian Theatre, Topic .05 Special Topics, Topic .06 Animals, Topic .07 Improvisation, and Topic .08 Acting for the Musical Theatre.

322 AUDITIONING**3 F,S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting Seq. THE 211, 220, 6 hrs 314, sr standing, and cons Acting faculty req.

Preparation, performance, and evaluation of numerous audition projects; discussion of the actor's search for employment in the professional theatre.

324 STAGE MOVEMENT III**2 F,S**

Acting maj only with GPA 2.0 overall and 3.0 in Acting seq. THE 220, 221 or equiv, jr/sr standing, and cons Acting faculty req. May be repeated.

Specialized movement training, varying in areas of study, including Topic .01 stage combat, Topic .02 mask, Topic .03 period movement, Topic .04 physical comedy, Topic .05 Alexander Technique and Topic .06 mime.

327 DANCE PEDAGOGY II**2 S**

Teacher Ed Seq. THE 227 or cons inst req. Incl Clin Exp: 55 hrs, Type 1-5. Formerly KNR 360. Offered even-numbered years.

Supervised clinical experiences in teaching dance to secondary school and studio populations; selection of materials and instructional strategies for these groups.

330 THEATRICAL COSTUME DESIGN**3 S**

THE 130 req. May be repeated; max 6 hrs toward degree program.

Research and practical application to theatrical costume designing; use of dramatic analysis.

331 HISTORY AND STYLES OF STAGE COSTUMING I**3 F**

THE 130 req. Offered even-numbered years

The costume's reflection of cultural and social milieu and the costume's application to the stage: Ancient Egypt to 1625.

- 332 COSTUME CONSTRUCTION** 3 S
THE 130 and cons inst req. Lab arranged. Offered even-numbered years.

Pattern drafting, draping, fitting, and specialized construction techniques for the theatrical costume craftsman.

- 333 COSTUME CRAFTS** 3 S
THE 130 req. Materials charge optional. Offered odd-numbered years.

Theory and technique of costume construction and use of special materials.

- 334 HISTORY AND STYLES OF STAGE COSTUMING II** 3 F
THE 135 req. Offered odd-numbered years.

The costume's reflection of cultural and social milieu and the costume's application to the stage: 1625 to 1900.

- 340 DIRECTING WORKSHOP** 3 S
THE 240 req. May be repeated; max 6 hrs toward degree program.

Principles and methodologies of stage direction applied to particular problems in a workshop format.

- 341 ORAL INTERPRETATION OF LITERATURE II (Directing/Performance)** 3 S
THE 101 or cons inst req.

Group forms of Interpretation—Readers Theatre and Chamber Theatre, with experiences to provide the student with practical applications of theory and principle.

- 342 INTRODUCTION TO STAGE MANAGEMENT** 3 F,S
THE 102, 130, and 160 or cons inst req. Formerly STAGE MANAGEMENT.

Introduction and application of basic principles of stage management, with emphasis on the paperwork and procedures required in theatrical productions.

- 344 PRINCIPLES OF THEATRE MANAGEMENT** 3 S
Lab arranged.

Introduction and demonstration of the practices and procedures of theatre management in today's theatre.

- 345 ADVANCED THEATRE MANAGEMENT** 3 F
THE 344 or cons inst req.

Intensive work in business management techniques for arts organizations, including management practices, union contracts, payrolls, budgeting and income controls.

- 348 PLAYWRITING** 3
Also offered as ENG 348.

Playwriting techniques of selected masters with practical application of techniques in writing original plays.

- 349 ADVANCED STAGE MANAGEMENT** 3 S or F
THE 342 or cons inst req.

Application of advanced stage management skills with emphasis on procedures used in professional Equity theatrical productions, dance, opera, and touring.

- 350 SOFTWARE DESIGN IN THE ARTS II** 3 S
ART/MUS/THE 387 or cons inst req. Also offered as ART/MUS 350.

Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

- 353 COMPUTER MUSIC NOTATION** 3 S
Cons inst req. Also offered as ART/MUS 353.

Study of computer-based music printing and an introduction to MIDI for note entry and proof reading of musical scores.

- 354 SEQUENCING AND DIGITAL AUDIO** 3 S
Cons inst req. Also offered as ART/MUS 354.

Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

- 359 COMPUTER-BASED ART AND GRAPHIC DESIGN** 3 F,S
ART/MUS/THE 386 or cons inst req. Also offered as ART 359. Materials charge optional.

Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

- 361 ADVANCED STAGE LIGHTING** 3 F or S
THE 258, 261 or cons inst req. Lab arranged.

Lighting design for proscenium and non-proscenium production; attention to system design.

- 362 STAGE DESIGN** 3 S
THE 160 and 258 or cons inst req.

Nature, function, and aesthetics of scene design, with practice in composition.

- 363 ADVANCED DESIGN** 3 F
THE 362 req. May be repeated; max 6 hrs toward degree program.

Intensive work in the areas of design and rendering for the stage; emphasis upon new materials and techniques.

- 364 ADVANCED PROJECTS IN DESIGN** 2-4 F,S
May be repeated.

Design and production problems as they relate to productions being mounted by the Department of Theatre. Emphasis placed upon creative and collaborative aspects of producing theatre.

- 365 SCENE PAINTING** 3 S
Materials charge optional.

Development of the skills necessary for the organization, preparation, and execution of painted scenery for the stage.

- 366 RENDERING TECHNIQUES FOR THE STAGE** 3 S
THE 130, 160, 258, 261, or cons inst req. May be repeated; max 6 hrs toward degree program.

A studio course investigating 2D and 3D graphic techniques for realizing theatrical designs. Content varies; various media and applications emphasized.

- 367 SCENOGRAPHIC TECHNIQUES** 3 F or S
Cons inst req.

Descriptive geometry and drafting techniques that are necessary in developing 3-dimensional stage space and scenic units into plans, elevations, and working drawings.

- 370 HISTORY OF THE CINEMA** 3 F,S
Lab: screening of significant films. May be repeated; max 6 hrs.
 Historical and aesthetic development of the cinema. Course content will vary.
- 371 FILM THEORY AND CRITICISM** 3 F
THE 170 or cons inst.
 Theories relating to the art of filmmaking.
- 372 HISTORY AND PHILOSOPHY OF DANCE I** 3 S
Formerly KNR 366.
 History, philosophy, and development of dance as a social and cultural medium from primitive times through the 16th century.
- 373 HISTORY AND PHILOSOPHY OF DANCE II** 3 S
Formerly KNR 367.
 History, philosophy, and development of dance from the 17th century to the present.
- 376 THEATRE HISTORY I** 4 F
THE 100 req.
 History of drama and theatrical production from its origin to approximately 1650.
- 377 THEATRE HISTORY II** 4 S
THE 100 and 376 req.
 History of drama and theatrical production from the late 17th century to the present.
- 378 SHAKESPEARE ON STAGE** 3 Summer
May be repeated once. Also offered as ENG 378.
 Intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.

- 381 CREATIVE DRAMA PRACTICUM** 2-3 F,S
THE 280 and cons inst req. May be repeated; max 6 hrs. Incl Clin Exp: 10 hrs min, Type 10.
 Practical experience in creative drama teaching by leading a class in drama under faculty supervision for a semester. The course is graded (A-F).
- 385 PRINCIPLES OF THEATRE EDUCATION** 5 F
THE 285; C or better in C&I 216 or conc reg req. Incl Clin Exp: hrs 5-100, Type 1-5. Adm to Teacher Ed req.
 Philosophies of theatre education, teaching strategies, co-curricular programs, textbook analyses, professional organizations, and related field experience.
- 387 SOFTWARE DESIGN IN THE ARTS I** 3 F
Also offered as ART/MUS 387. Formerly SOFTWARE DESIGN IN THE ARTS. Materials charge optional.
 Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.
- 388 SELECTED TOPICS IN ARTS TECHNOLOGY** 3 F
ART/MUS/THE 276 or cons inst req. Also offered as ART/MUS 388. May be repeated if content different. Materials charge optional.
 Varied emphasis reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.
- 398 PROFESSIONAL PRACTICE IN THEATRE** 1-6 F,S
 Supervised theatre work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised by the School of Theatre.



MENNONITE COLLEGE OF NURSING

Dean: Nancy Ridenour, 312 Edwards Hall

Mission

The mission of Mennonite College of Nursing is to educate undergraduate and graduate nursing students to serve the citizens of Illinois, the nation, and the global community. Mennonite College of Nursing acknowledges a particular responsibility to address the nursing and health care needs of urban and rural populations, including those who are vulnerable and underserved. The College of Nursing builds upon the educational foundation previously acquired by students. The College creates a dynamic community of learning in which reflective thinking and ethical decision-making are valued. The College is committed to the promotion of nursing scholarship at the national and international level through research, service, and practice. Mennonite College of Nursing is committed to being purposeful, open, just, caring, disciplined, and celebrative.

Philosophy

At the heart of the College's philosophy is the belief that all people share a common humanity. Each person must be regarded as having special biological, psychological, sociocultural and spiritual dimensions and possessing the inherent rights and responsibilities of freedom of choice and self-determination. Based on these beliefs, the College strives to grow as a caring community that supports the development of the total individual.

A vital interactive relationship exists between humankind and the environment. Environment affects each person's biological being and extends beyond physical surroundings to encompass roles, relationships, and societal structures. Because all human beings influence and are influenced by their environment, all must assume the responsibility to protect the social and natural environments in which they share.

Health is a dynamic state influenced by individual, environmental and hereditary factors. State of health, which significantly influences quality of life, is shaped by many factors, including an individual's decision-making and behaviors. Pursuit of wellness is the right and responsibility of each person. Nursing holds the potential to strengthen each human being pursuing optimal health and achieving a harmony of body, mind and spirit.

Nursing is a profession that continues to evolve through research, theory, and practice. Professional nursing, encompassing a range of therapeutic interventions aimed at promoting and restoring health, addresses actual and potential health care needs of individuals, families, groups, and communities. Nursing care is delivered in

diverse settings in a systematic manner through use of the nursing process. In providing their professional services, practitioners of nursing manifest role dimensions that are collaborative and independent in nature. Because dynamic social forces influence the nature and scope of nursing practice, critical thinking, effective communication, and caring are abilities required for professional nursing practice in changing environments.

As a profession, nursing adheres to standards of practice and ethical codes as a means of ensuring quality care for all persons. The current Illinois Nursing Act serves as the legal basis for the practice of nursing in the State of Illinois.

Mennonite College of Nursing is committed to cultivating the personal and professional potential of each member of the College community. The faculty believe that learning as a life-long process is promoted when intellectual inquiry, creativity, self-awareness, self-direction, maturity, and responsibility are valued. Learning is a process of developing human potential through the interaction of the individual with the environment. This interaction aims to achieve positive attitude changes, knowledge acquisition, and professional competence.

The faculty of Mennonite College of Nursing believe that the knowledge, attitudes, and skills required for professional nursing are best achieved when built upon a solid foundation of study in the humanities and sciences. The faculty value a liberal arts education, which fosters an understanding of society and provides a humanistic basis for the study of nursing. Baccalaureate nursing education prepares the graduate for the practice of professional nursing and provides the basis for graduate study in nursing. Masters-level nursing education prepares nursing leaders and advanced practitioners, advances nursing scholarship, and provides the foundation for doctoral study.

The College offers a graduate program leading to the Master of Science in Nursing. The College offers a Family Nurse Practitioner Sequence and a Nursing Systems Administration Sequence, as well as a Post Master's Family Nurse Practitioner (FNP) Certificate.

Terminal Outcome Abilities

Upon completion of the baccalaureate nursing program, the graduate will possess the following terminal outcome abilities.

Caring: The student will use a variety of caring modalities that promote health, healing, and dignity throughout the life span.

Critical Thinking: The student will use critical thinking to make judgments and develop therapeutic nursing interventions for optimal health.

Communication: The student will communicate effectively with individuals, families, and groups.

Professional Practice: The student will assume accountability for professional practice in contemporary society through the application of theory-based knowledge.

Accreditation

The Nursing program is fully accredited by the National League for Nursing Accrediting Commission [61 Broadway, New York, NY 10006; Ph: (212)368-5555] and also is approved by the Illinois Department of Professional Regulation. Memberships include the National League for Nursing, Council of Baccalaureate and Higher Degree Programs, the Illinois Council of Baccalaureate and Higher Degree Programs and the American Association of Colleges of Nursing.

Admission Requirements

Admission to Pre-Nursing:

New freshmen will be classified as pre-nursing majors at their request if they meet the University admission requirements. Continuing and new transfer students with less than 60 semester hours of transfer credit at the time of enrollment, who meet University admission requirements, will be classified as pre-nursing majors at the time of admission. The classification of the pre-nursing major does not guarantee admittance to the Nursing Major.

Admission to Nursing Major:

Admission Deadlines: Applications received prior to February 15 for admission consideration the following Fall will receive preferential admission review over applications received at a later date.

Students may be admitted into the Nursing Major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the Nursing Major on a competitive and selective basis. The number of students admitted into the major may vary from year to year depending on program capacity and qualifications of students in the pool. The College of Nursing reserves the right to maintain a balanced enrollment. GPA and course requirements for transfer student admissions are the same as change of major (within Illinois State). Prospective transfer students are urged to file an Application for Admission to Illinois State University early. A student with 30 or more hours may submit an application for admission consideration to the Nursing Major in the Prelicensure/BSN Sequence based on the following specific requirements.

Admission to Prelicensure/BSN Sequence:

To be considered for admission to the Nursing Major, a student must:

- Have completed an Associate Degree in Arts (A.A.) or an Associate Degree in Science (A.S.) or the Illinois State University General Education Program or the Illinois Transferable General Education Core

Curriculum

- Complete specific required courses: CHE 110, 112 or CHE 140; ECO/GEO/POL/PSY 138 or MQM 100 or SOC 275; PSY 110, 113; BSC 160, 181, 182, 183, and FCS 102; for a total of 59 semester hours; with a C or better in each of these specific required courses;
- Have a minimum cumulative GPA of 2.7.

Early Admission:

To qualify for Early Admission, students must first be accepted at Illinois State University and must contact Mennonite College of Nursing to be considered for Early Admission. Students eligible for Early Admission include the following:

- Students with an ACT of 24 or higher with no college credit who have been accepted at Illinois State University.
- Students enrolled at Illinois State University with fewer than 30 hours of earned college credit and a composite ACT of 24 or higher and a *cumulative GPA of 3.00
- Transfer students who have applied and been accepted at Illinois State University with fewer than 30 hours of earned college credit and a composite of ACT 24 or higher and a *cumulative GPA of 3.00
- Students enrolled at Illinois State University with more than 30 hours of earned college credit and a *cumulative GPA of 3.25.
- Transfer students who have applied and been accepted at Illinois State University with more than 30 hours of earned college credit and a cumulative GPA of 3.25.

Early Admission Deadline:

To be considered for early admission the following Fall semester, requests for Early Admission must be submitted to Mennonite College of Nursing no later than November 1. GPA must be verified prior to final acceptance for early admission status. Students who are granted early admission status must maintain an ongoing *cumulative GPA of 2.70 and earn a grade of "C" or better in specific required courses in order to continue with this status. Any student not adhering to the above criteria will be moved to pre-nursing major status and must apply to the College of Nursing during the regular admission period to be considered for admission.

- * Cumulative GPA refers to all college coursework.

Readmission:

Upon admission to the nursing major, all students (excluding those students in the Early Admission Program) are expected to maintain consecutive fall-spring enrollment in nursing courses. Any student who has not been enrolled in nursing coursework for more than one fall or spring semester must reapply to the college. Readmission will be granted on a selective basis and will include Success Plan testing and lab proficiency testing. The costs of such testing are the responsibility of the student. Upon admission to the nursing major students interested in applying for readmission should contact a College of Nursing academic advisor

to review the specific criteria. Students applying for fall readmission must submit their Mennonite College of Nursing readmission application before April 1 of the semester prior to the anticipated fall readmission. Spring applicants must submit their readmission application before October 1 of the semester prior to anticipated spring readmission.

Nursing students who have been academically dismissed from the major may submit an application for readmission to the college before April 1 for fall readmission and before October 1 for spring readmission. Students must first be readmitted to the University (if applicable) before submitting a readmission application to the college. Eligible students may reapply to the University through the New Start Program or through the academic reinstatement process. When applying for readmission to the college, students will be asked to complete Success Plan testing, lab proficiency testing, and additional nonmajor coursework prior to readmission. The cost of testing is the responsibility of the student. Students interested in applying for readmission to the major following academic dismissal are encouraged to contact a College of Nursing academic advisor to review the specific criteria associated with readmission to the major.

Admission to RN/BSN Sequence:

To be admitted to the Nursing Major, an RN student must:

- First be admitted to Illinois State University;
- Be a graduate from a state-approved diploma school of nursing or an associate degree nursing program;
- Be licensed as a registered nurse in the State of Illinois;
- Have completed the Associate Degree in Arts (A.A.) or an Associated Degree in Science (A.S.) or the Illinois Transferable General Education Core Curriculum
- Complete specific required courses: CHE 110, 112 or CHE 140; ECO/GEO/POL/PSY 138 or MQM 100 or SOC 275; PSY 110, 113; BSC 160, 181, 182, 183, and FCS 102; with a C or better in each of these specific required courses;
- Submit one recommendation form from a current employer (if not employed, may be from a recent college instructor or academic advisor).

Academic Requirements:

The following academic requirements apply to all students enrolled in Mennonite College of Nursing.

Prelicensure/BSN Sequence:

- 65 hours of major courses required, including: NUR 221, 225, 229, 231, 233, 235, 237, 239, 323, 325, 327, 329, 339; and 3 hours of elective credit from: NUR 201, 203, 205, 206, 207, 208, 301, 303, 305, 306, 307, 308, 311, 312, 313, or 398;
- C or better required in all Nursing courses for retention in the Major.

RN/BSN Sequence:

- 64 hours of major courses required, including: NUR 223, 227, 235, 237, 239, 241, 329, 331, 339, 341; and 33

semester hours earned as Escrow Credit;

- C or better required in all Nursing courses for retention in the Major.

Nursing courses are “held in escrow” for the student until successful completion of three specified Nursing upper-division courses: NUR 223, 227, and 235. Once these three courses have been successfully completed through enrollment, thirty-three (33) credits are placed on the student’s transcript for the following Nursing courses: NUR 229, 231, 233, 323, and 325.

Portfolio assessment and proficiency examinations are available for specific courses.

Transfer Requirements:

In addition to meeting the admission requirements of the University, the transfer applicant must meet the admission requirements of the Nursing program. Transfer students must apply and be accepted to Illinois State University to be considered for admission to the nursing major.

Retention Requirements:

Students must maintain a cumulative GPA of 2.0 and a C or better in all required Nursing courses to remain in the Nursing Major. When a student fails to maintain a cumulative GPA of 2.0 or a grade of C in any course in the Nursing Major, the student is placed on major academic alert. This status alerts the student to the danger of dismissal from the Nursing Major. Dismissal from the Nursing Major results when a student receives a grade of F, without consideration of course repetition, in 2 Nursing clinical courses, or 1 Nursing clinical course and 2 Nursing theory courses, or 3 Nursing theory courses.

All students are required to participate in the College Success Plan which is designed to provide: (1) an assessment of each students’ ability to understand and apply theoretical and clinical knowledge related to clinical courses as they progress through the curriculum; (2) assessment and outcome data for curriculum consideration; (3) an assessment of each students’ preparedness to be successful on the state licensing exam (NCLEX-RN); and (4) intervention guidelines to address any deficiencies that a student may demonstrate in understanding and applying theoretical and clinical knowledge related to clinical courses. Details of the Success Plan are available in the College of Nursing administrative offices.

Clinical Experience for Nursing:

Clinical Experience is provided by an extensive clinical network of over 50 off-campus agencies including but not limited to hospitals, nursing homes, community centers, public health departments, long-term care facilities and other approved clinical learning settings. All students will begin their Clinical Experiences in the junior year; the students must provide their own transportation to all Clinical Experience sites.

Core Performance Standards:

Outcome Ability	Standard		Behavior Examples
Caring	A.	Gross and fine motor abilities enabling the provision of safe and effective nursing care	<ul style="list-style-type: none"> • Cardiopulmonary resuscitation • Position patient, assist in and out of bed • Manipulation of equipment: I.V. therapy • Syringes for injections, insertion of catheter • Sterile techniques and universal precautions • Efficiently move around in limited spaces of patient rooms and treatment areas.
	B.	Auditory ability sufficient to monitor and assess health needs	<ul style="list-style-type: none"> • Response to emergency alarms • Response to cries for help • Use of a stethoscope to obtain audible breath, bowel and heart sounds • Response to verbal commands in emergency
	C.	Visual ability sufficient for observations and make assessments essential to nursing care.	<ul style="list-style-type: none"> • Recognition of digital readouts from bedside monitors • Peripheral vision that encompasses clinically significant visual space • Reading medication, orders and policies
	D.	Tactile ability sufficient for physical assessment	<ul style="list-style-type: none"> • Perform palpitation to confirm inspection • Perform functions of physical examination and/or those related to therapeutic intervention, e.g. texture, temperature, moisture, swelling
	E.	Olfactory ability sufficient to monitor the physical environment	<ul style="list-style-type: none"> • Detecting smoke • Detecting potentially hazardous conditions
Communication	A.	Ability to interactively communicate in the class room and clinical environment through verbal, non-verbal, and written form	<ul style="list-style-type: none"> • Non-verbal communication in appropriate circumstances, e.g. facial expressions, eye contact and body language • Communication through use of spoken words in an intelligible, conversational pace • Explain treatment procedures • Document and interpret nursing actions and patient response • Communication through use of computer technology
	B.	Interpersonal skills sufficient to interact with individuals, families and groups	<ul style="list-style-type: none"> • Establish rapport with patients, families, and colleagues from diverse backgrounds
Professional Practice	A.	Participate in the evaluation process	<ul style="list-style-type: none"> • Evaluation of self • Evaluation of patients • Evaluation of environments
	B.	Organizational skills	<ul style="list-style-type: none"> • Personal accountability • Time management
	C.	Emotional stability sufficient to adapt to a changing environment	<ul style="list-style-type: none"> • Deal with the unexpected • Focus attention • Control emotions
Critical Thinking	A.	Critical thinking ability sufficient for clinical judgment	<ul style="list-style-type: none"> • Identify clinically significant cause/effect relationships • Develop nursing care plans, calculate medications
	B.	Ability to use the scientific process	<ul style="list-style-type: none"> • Problem solving • Set priorities

NURSING (NUR) 581

303, 312 Edwards (309) 438-7400

Web address: www.mcn.ilstu.edu

Tenured/Tenure-track Faculty: Bailey, Campbell, Fowles, Ingalsbe, Jeffers, Mallory, McCray, Schlenker, Walpole, Wilson.

Faculty: Clemens, Kaesberg, Kennell, Kossman, Lindsey, Little, Sullivan, Woith.

General Department Information

Should a course not be held due to inadequate enrollment, those individuals who had registered for the course will be contacted and changes in the program of study made. Information regarding other policies and procedures of Mennonite College of Nursing, student advising, student services provided, information about endowed scholarships and other private funding sources, and Student Honors and Awards Program is available in the College administrative offices.

Nursing Courses

201 COUPLE RELATIONSHIPS:

AN OVERVIEW 1

NUR maj only. Formerly NUR 409.

Experimental approach to the study of relationships and an overview of relationship communication strategies, theory, and research.

203 WOMEN'S HEALTH 1

NUR maj only. Formerly NUR 416.

Examination of women's health issues from historical, psychological, and social perspectives.

205 HUMAN SEXUALITY ACROSS THE LIFE CYCLE 1

NUR maj only. Formerly NUR 417.

Exploration of sociocultural, personal, interpersonal, ethical, legal, and medical aspects of human sexuality across the life cycle.

206 ART OF CARING AND HEALING 3 F,S

Exploration of caring and healing philosophy for the caregiver, building effective caring relationships, and the theoretical grounding for caring and healing.

207 HEALTH CARE ETHICS 3 F,S

Formerly NUR 389.02.

Introduces the student to the moral, ethical, legal, and public policy issues inherent in the delivery of health care.

208 FAMILY VIOLENCE: HEALTH CONSEQUENCES 3 F,S

The course examines the pervasiveness of child abuse, domestic violence, sexual assault, and elder abuse and explores prevention and resolution.

221 INTRODUCTION TO THE DISCIPLINE OF NURSING 3 F

NUR maj only. Formerly NUR 310.

Classroom and small group activities provide introduction to historical and contemporary theoretical, social, political, legal, and ethical influences of nursing.

223 CONCEPTS AND PRACTICE OF PROFESSIONAL NURSING 4 F

RN license req. NUR maj only. Formerly NUR 305.

The roles of the nurse in controlling professional practice are introduced. Reflective practice, nursing theories, historical, ethical, political, and legal issues and trends are considered.

225 HEALTH ASSESSMENT OF THE ADULT 4 F

NUR maj only; NUR 221 or conc reg req. Lecture and lab. Formerly NUR 311.

Classroom and laboratory experiences provide the knowledge and skills necessary for a holistic assessment of adult clients. Expected age-related changes in older adults are also addressed.

227 HEALTH ASSESSMENT ACROSS THE LIFE SPAN 3 F

RN license req. NUR maj only. Formerly NUR 315.

Expansion of basic knowledge and skills of physical assessment with added dimensions of psychosocial, cultural, and spiritual needs of clients across the life span.

229 ADULT NURSING I 6 F

NUR maj only; NUR 221, 225, 239 or conc reg req; PSY 110 req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 320.

Theory and skills related to the care of adults, especially older adults, with commonly occurring health deviations are learned then applied within community-based practicum settings.

231 ADULT NURSING II 7 F,S

NUR 221, 225, 229; and NUR 339 or conc reg req. Incl Clin Exp and lecture. Formerly NUR 322.

Application of theory and skills necessary to plan, implement, and evaluate therapeutic nursing interventions for adults with commonly occurring acute and chronic health deviations.

233 PSYCHIATRIC-MENTAL HEALTH NURSING 6 F,S

NUR 221, 225, 229; and 339 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 323.

Focus on individual and family responses to stress along the developmental and wellness-illness continuums. Emphasis on theory-based psychiatric-mental health nursing practice.

235 RESEARCH FOR PROFESSIONAL NURSING PRACTICE 2 F,S

NUR maj only. RN license req. Conc reg in ECO/GEO/POL/PSY 138 or MQM 100 or SOC 275; NUR 231 or conc reg req. Formerly NUR 331.

Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research as the scientific basis for nursing practice.

- 237 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE** 1 F, S
NUR 221, 225 req. Formerly NUR 333.
 Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations.
- 239 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I** 3 F, S
NUR 221 or conc reg req; BSC 160; CHE 110/112 or CHE 140 req. Formerly NUR 334.
 Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body.
- 241 APPLIED NURSING RESEARCH** 1 F, S
RN license req. NUR maj only. NUR 235 or conc reg req.
 Research utilization models are introduced in clinical practice to improve client outcome.
- 301 CLINICAL ELECTIVE** 1
NUR 229 or 231 or 233 or 323 req. Formerly NUR 407.
 Concentrated clinical experiences in a specialized clinical area, with a selected population.
- 303 SPECIAL TOPICS IN NURSING AND HEALTH** 1-3
NUR maj only. Formerly NUR 410.
 In depth exploration of special topics topics in nursing and health.
- 305 EMERGENCY NURSING** 1-2
NUR 325 or conc reg req. Formerly NUR 415.
 Application of the nursing process to clients across the life cycle requiring emergency care.
- 306 OBSTETRICS CLINICAL ELECTIVE** 3 F, S
NUR 221, 225, 229, 239, or conc reg req NUR 323, 339. Formerly NUR 389.01.
 High-risk obstetrical and neonatal theory including Neonatal Resuscitation Provider program, with clinical component in Obstetrics or Neonatal Intensive Care Unit.
- 307 THE NURSE AS EDUCATOR** 1
NUR maj only. Formerly NUR 410.
 Theories, principles, resources, measurement, and marketing related to learning are explored.
- 308 DIAGNOSTIC EVALUATION AND NURSING IMPLICATIONS** 3
NUR 229, 231 pre or conc reg req. Formerly 389.03.
 Diagnostic procedures, purpose, necessary nursing assessments, care and teaching particular to the procedure are the course focus.
- 311 IMAGE OF NURSING** 1
NUR 221, 225, 229, 239 or conc reg req. Formerly NUR 411.
 Examination of the relationship between the knowledge of nursing history and professionalism.
- 312 DOMESTIC STUDIES IN TRANSCULTURAL NURSING** 3 Summer
NUR 221, 225, 229, 239, and 2 of the following courses: NUR 231, 233, 323, 329 req.
 Provides nursing students with the opportunity to study nursing and health care delivery in diverse locations within the United States.
- 313 INTERNATIONAL STUDIES IN TRANSCULTURAL NURSING** 3 Summer
NUR 221, 225, 229, 239, and 2 of the following courses: NUR 231, 233, 323, 329 req.
 Provides nursing students with the opportunity to study nursing and health care delivery at an international level.
- 323 PARENT-CHILD NURSING** 7 F, S
NUR 221, 225, 229; and NUR 339 or conc reg req. PSY 113 req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 436.
 Nursing care of women, infants, children, and families during the childbearing/childrearing periods with emphasis on normal pregnancy and common complications, child development, and selected health problems of children.
- 325 ADULT NURSING III** 7 F, S
NUR 231, 339; and NUR 231, 233, 323, 329 or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 438.
 Examination of biological, psychological, and social responses of complex acute care in emergent and rehabilitation settings.
- 327 MANAGEMENT AND LEADERSHIP DIMENSIONS OF NURSING** 7 S
NUR 233, 235, 323, 325, 329, or conc reg req. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 440.
 Exploration of professional nursing roles based upon management and leadership perspectives.
- 329 COMMUNITY HEALTH NURSING** 7 F, S
NUR 221, 225, 229; and 339 and or conc reg; RN license req for NUR 223, 227, 235, 239. Incl Clin Exp and lecture. Materials charge optional. Formerly NUR 442.
 Community-based practice that emphasizes prevention strategies in the management of health care needs of individual families and aggregates in a variety of settings.
- 331 NURSING THERAPEUTICS ACROSS THE LIFE SPAN** 4 S
NUR maj only. RN license req. NUR 223, 227, 235, 239; and NUR 237, 241, 339, or conc reg req. Formerly NUR 441.
 Alternative therapies are emphasized. Research based nursing therapeutics to prevent, promote, and restore health for clients across the life span.

**339 PATHOPHYSIOLOGY AND
PHARMACOTHERAPEUTICS
IN NURSING II****2 F, S**

NUR maj only. NUR 239; RN license req for conc reg in NUR 239. Formerly NUR 434. Materials charge optional.

Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body.

**341 PROFESSIONAL NURSING
LEADERSHIP DIMENSIONS:
CAPSTONE EXPERIENCE****4 Summer**

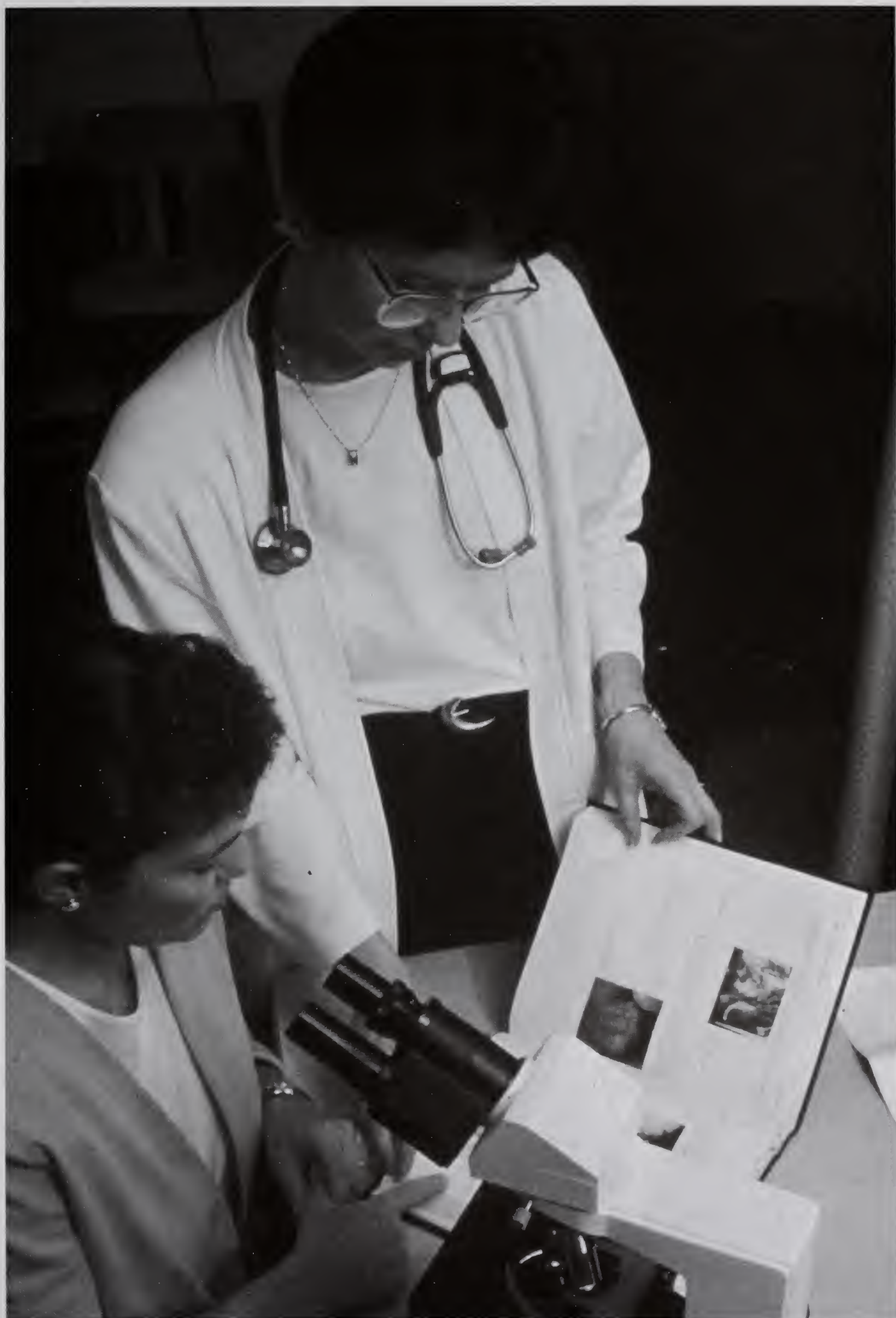
NUR maj only. RN license req. NUR 329, 331 req.

Synthesize and apply knowledge of leadership concepts and theories in professional nursing roles. Various leadership roles are carried out in the practicum project.

**398 PROFESSIONAL PRACTICE:
EXTERNSHIP IN NURSING****3 Summer**

NUR 221, 223, 229, 239; 233 or 323; 231 or 329 req. Good academic standing; cons of Prof Prac Coord req.

Planned, supervised experience in a professional nursing role within a healthcare setting such as a hospital, clinic, physician's office, or public health department.



Faculty Information

Faculty whose names appear in the department faculty lists were teaching at the University during the previous fall semester. Because of sabbatical leaves, temporary assignments, research projects, and other reasons, not all of these faculty will be teaching in the period covered by this catalog.

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The following is a list of faculty and administrative staff members as of the first semester of the 2002-2003 Academic Year. The listing reflects Academic Ranks, Titles, Assignments and Departments of Employment effective during 2001-2002. Only the highest academic degree is indicated for each faculty member.

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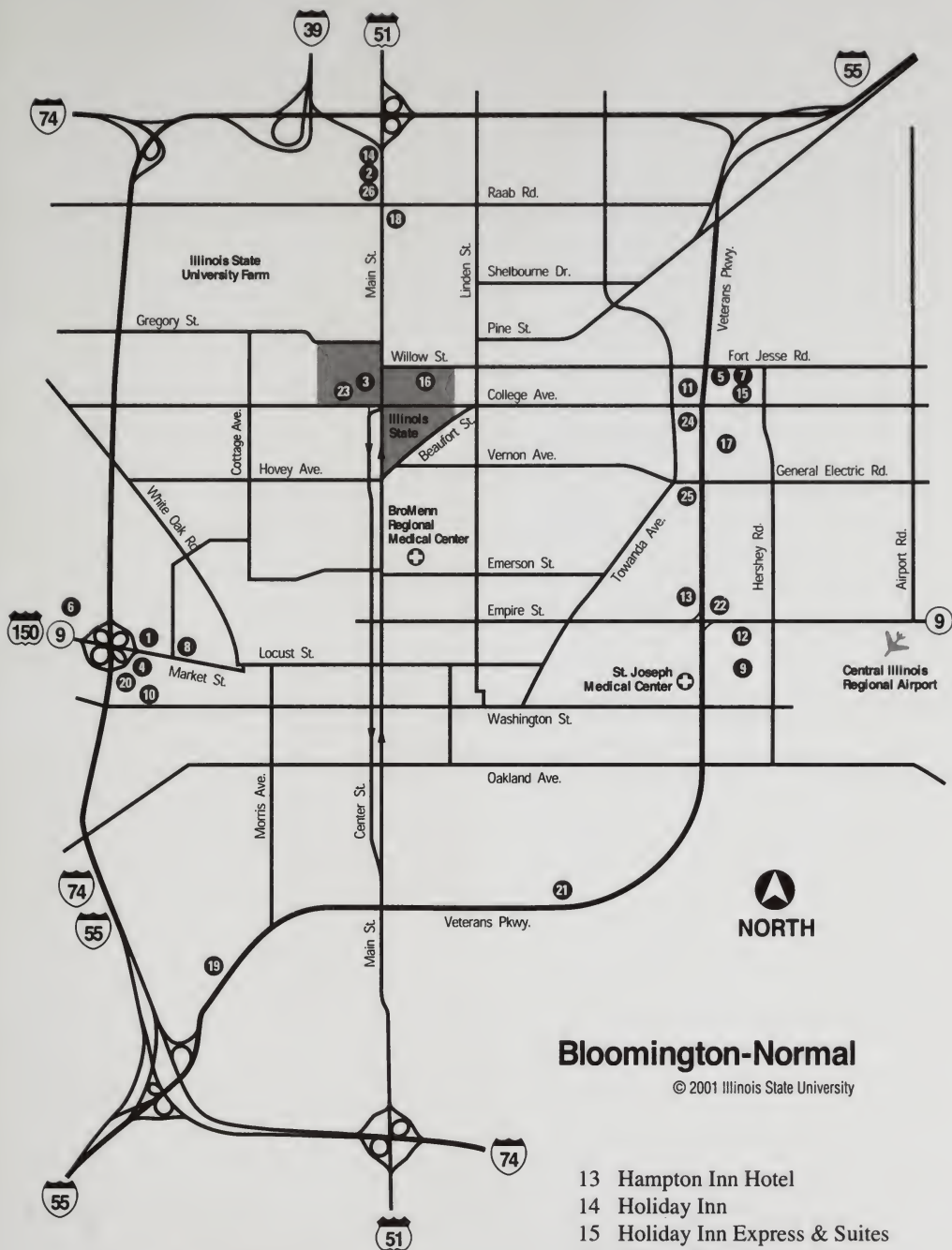
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